



MDOT Statewide Outfall Points






Metro Region

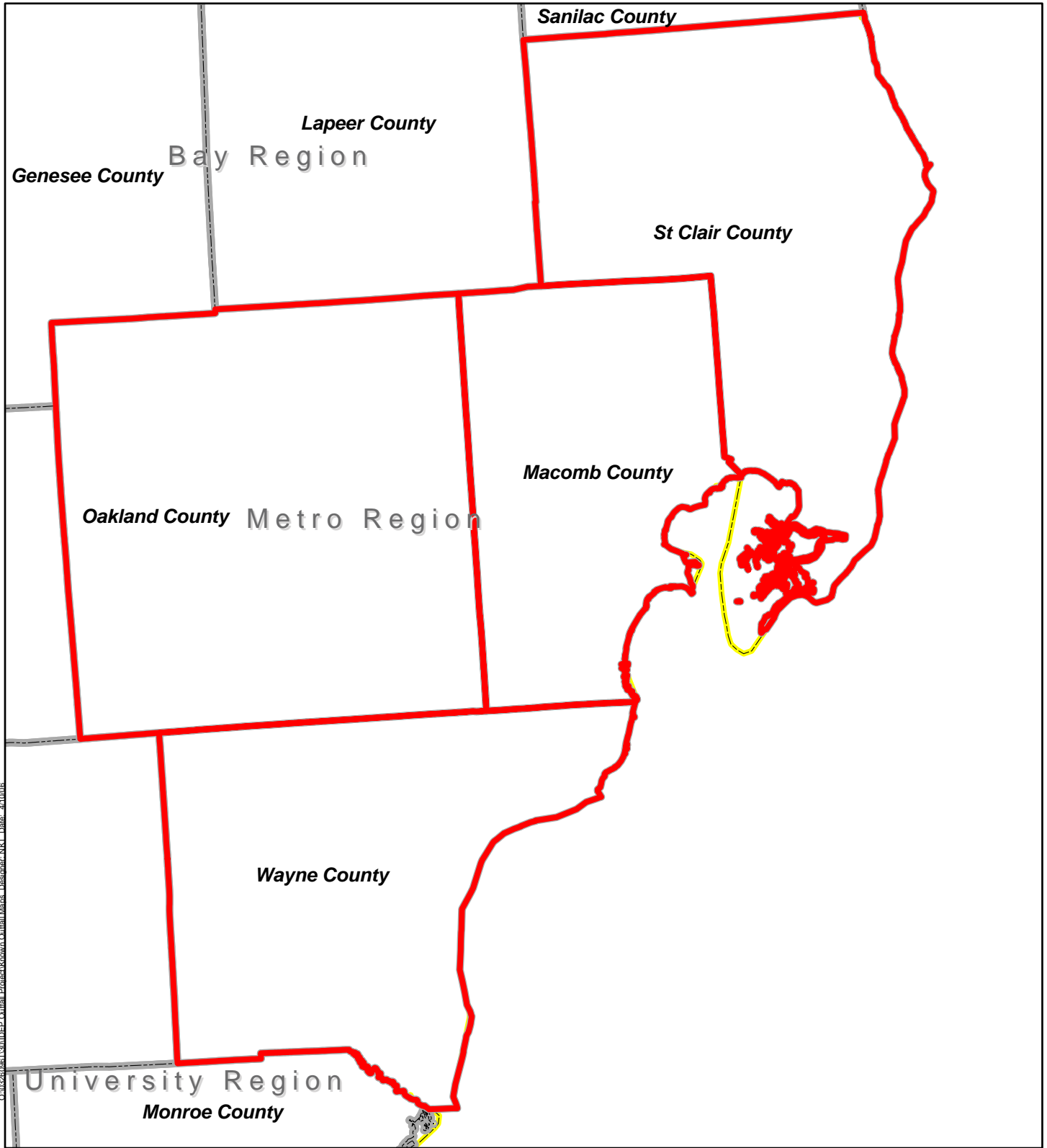
Under the NPDES Phase II Permit, MDOT is required to develop maps identifying the locations of their known outfalls. To complete these maps, MDOT is using two methodologies to locate outfalls: 1) MDOT is using existing survey data to estimate outfall locations, 2) MDOT is using their Illicit Discharge Elimination Program investigations to estimate outfall locations. These two methodologies are distinguished on the maps.

In addition to satisfying permit requirements, the outfall data are being used by the asset management division. These maps will be updated on an annual basis.

The maps in this file are organized by county and are linked to a Region Index Map on the following page. By clicking on a county on the Region Index Map, you will be forwarded to another index map. This index map will forward you to a map of outfall locations by clicking in the red squares. To return to the previous index map, click on the reference map at the bottom right hand corner of the page.

Legend:

-  U.S. Routes
-  U.S. Routes (Business Routes)
-  Interstate Routes
-  Interstate Routes (Business Loops)
-  State Roads






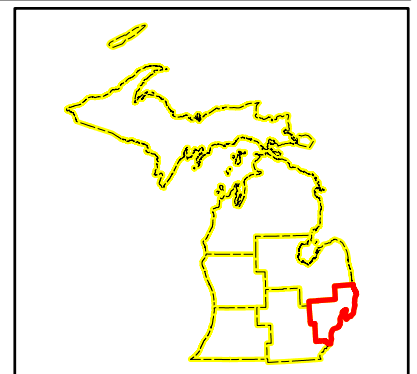
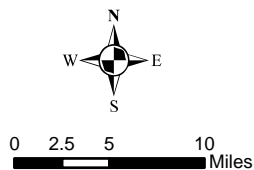
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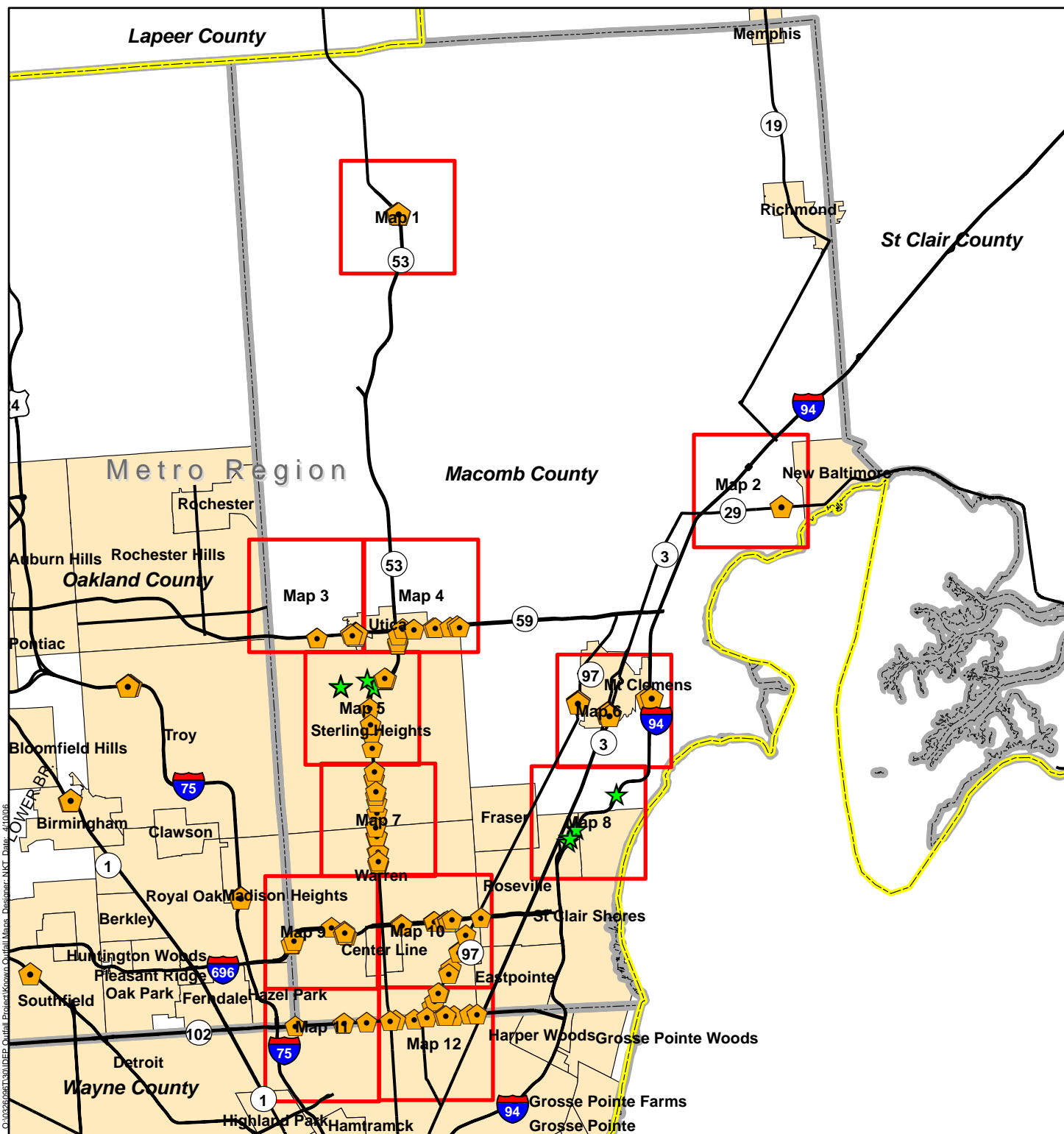
MDOT Statewide Outfall Points

Metro Region
County Index Map

Legend

-  MDOT Regions
-  Click to display county
-  County Lines





MDOT Statewide Outfall Points

Metro Region, Macomb County
Index

Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Trunkline
- City
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- MDOT Regions

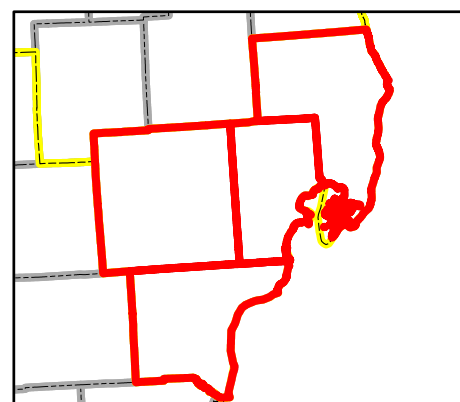


Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.



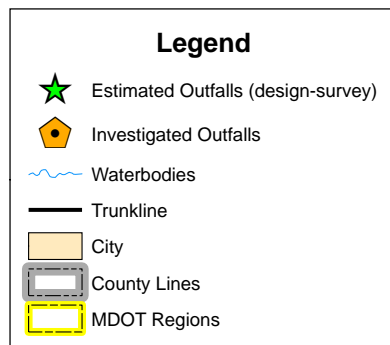
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0 1.5 3 6 Miles





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MDOT Statewide Outfall Points

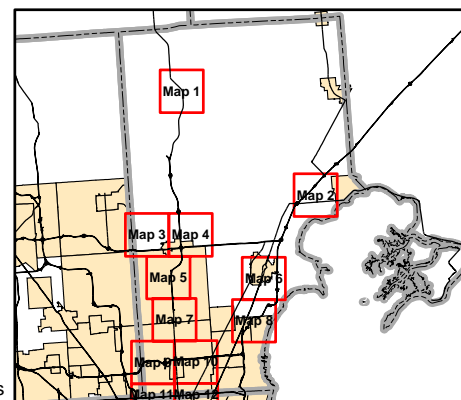
Metro Region, Macomb County

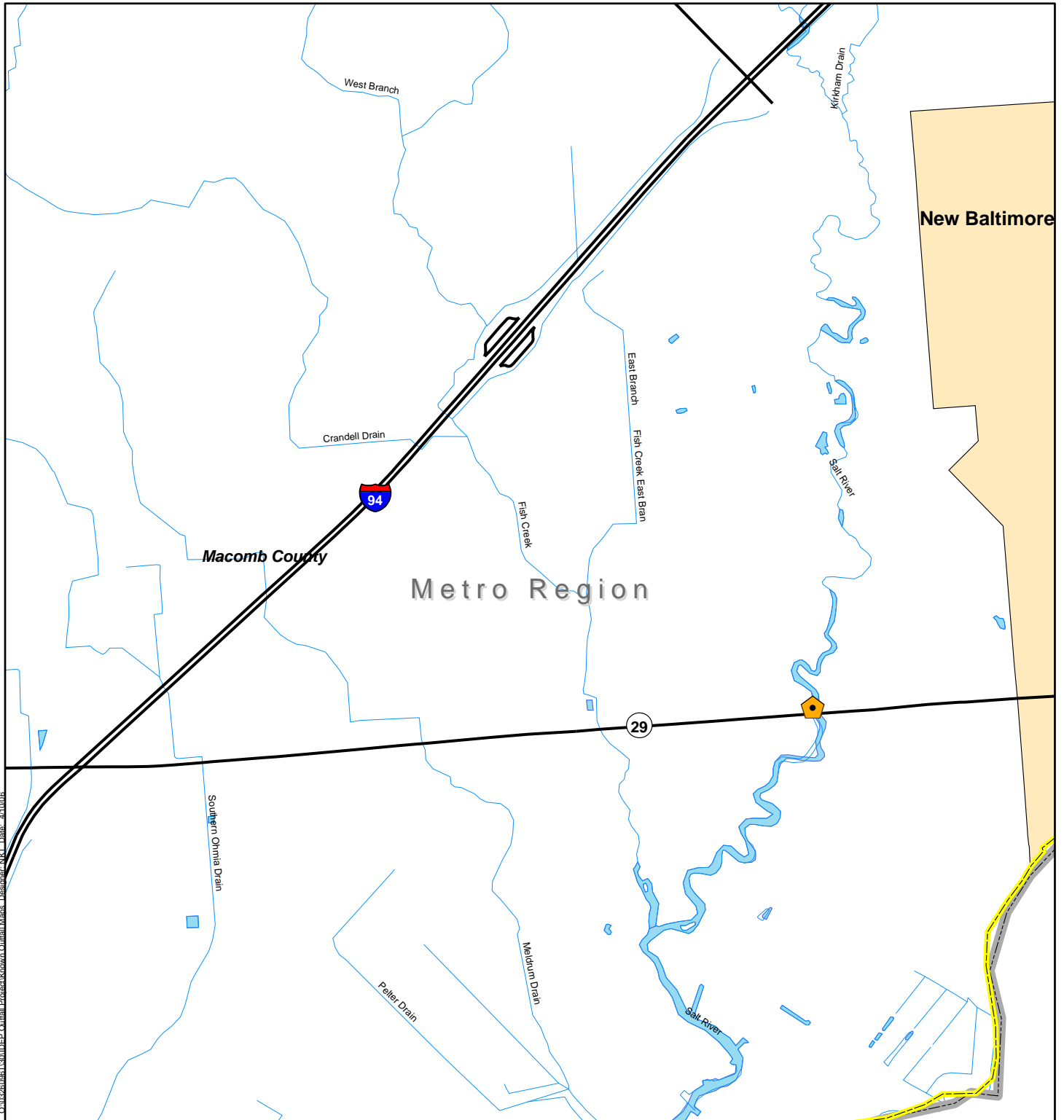
Map 1



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0 0.15 0.3 0.6 Miles





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Legend

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  City
-  County Lines
-  MDOT Regions



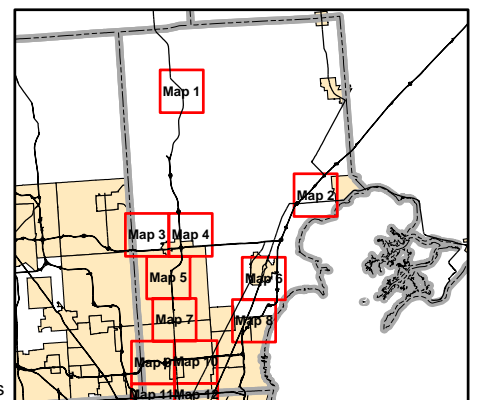
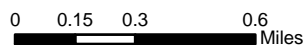
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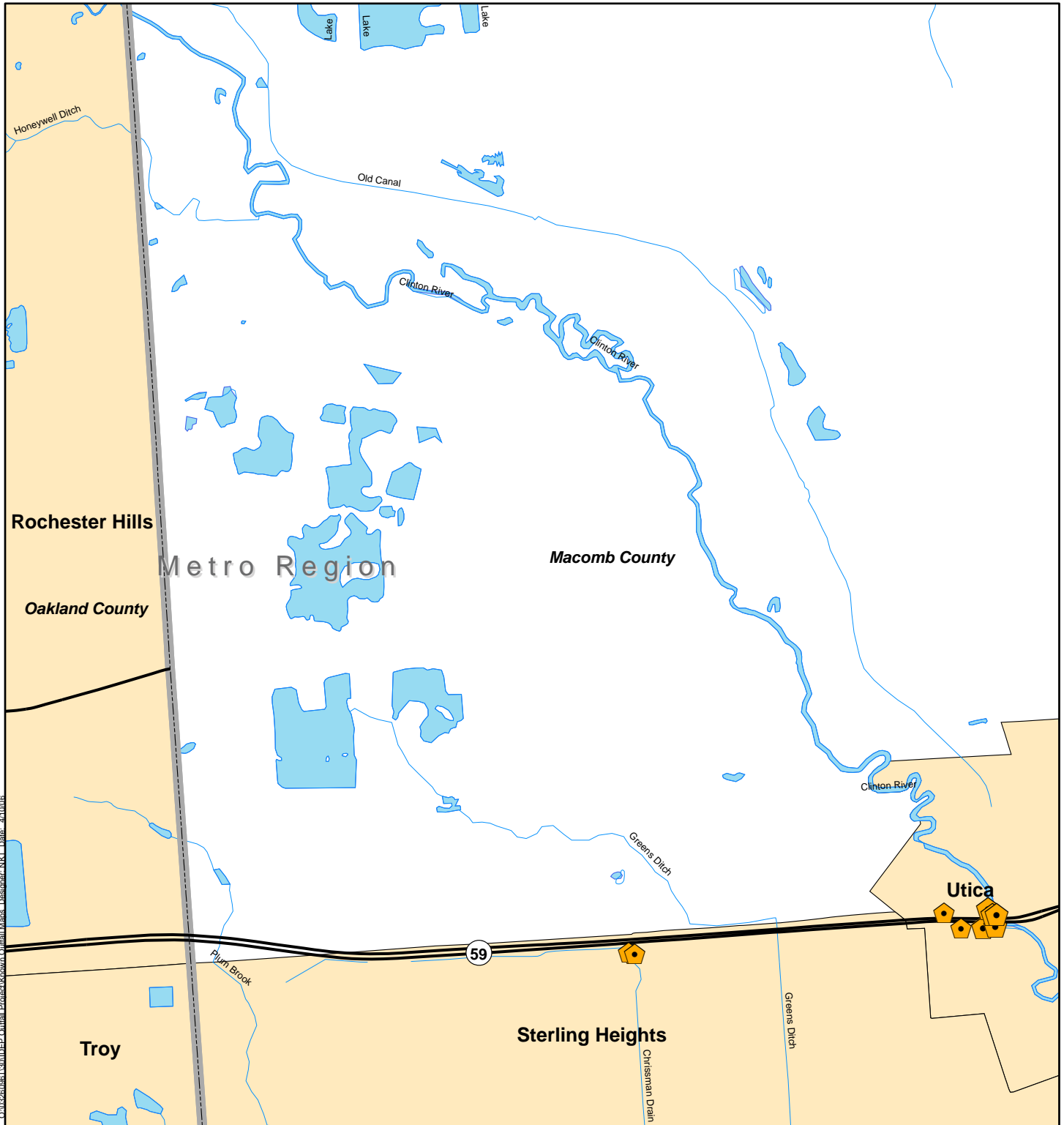
MDOT Statewide Outfall Points

Metro Region, Macomb County
Map 2



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Legend

Estimated Outfalls (design-survey)

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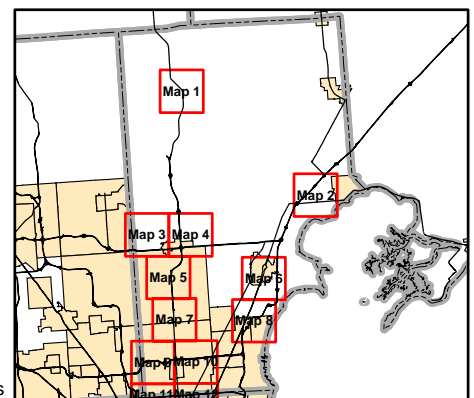
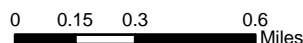
Map 3

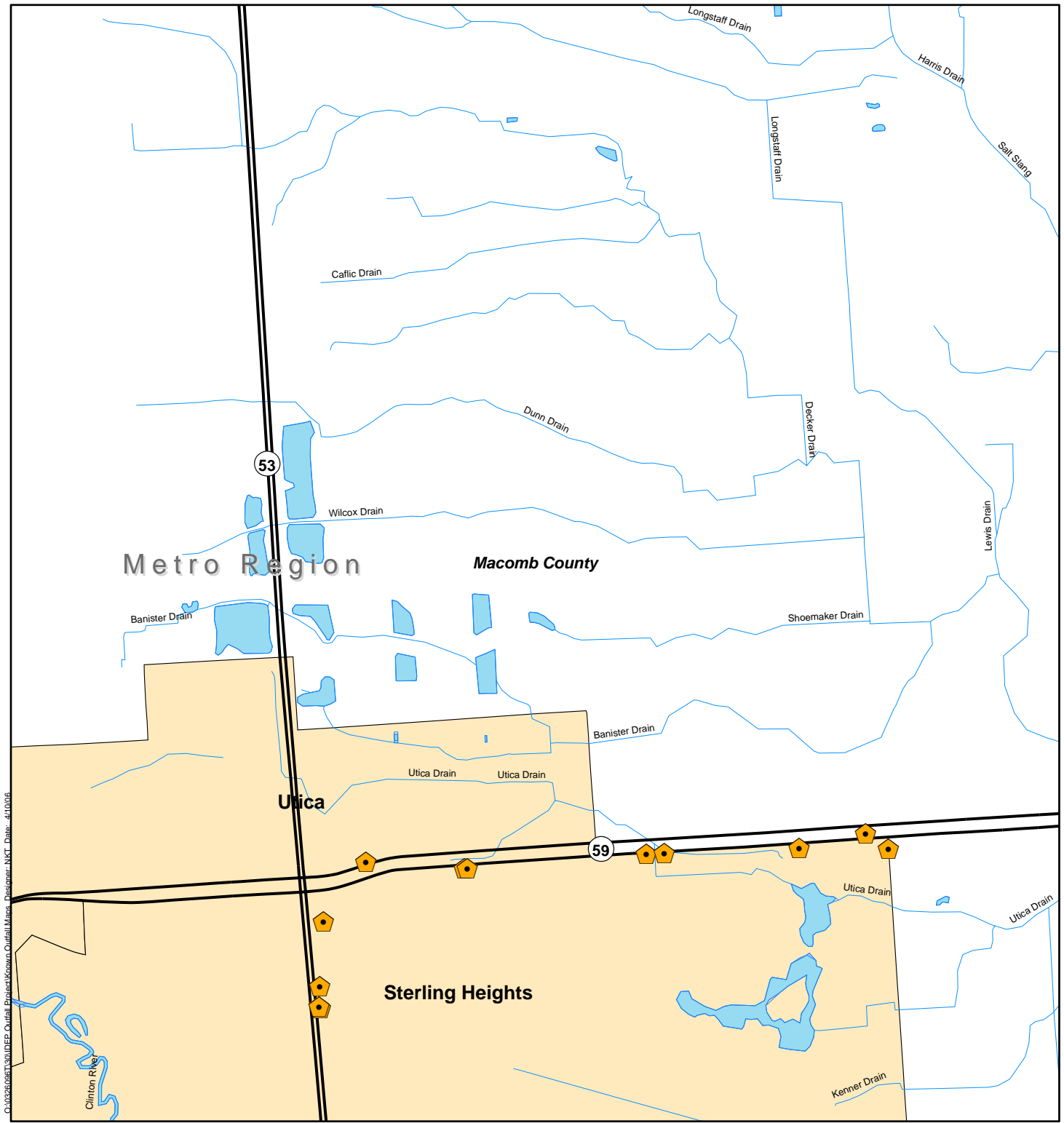


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Legend

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Investigated Outfalls

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Map 4

Note:

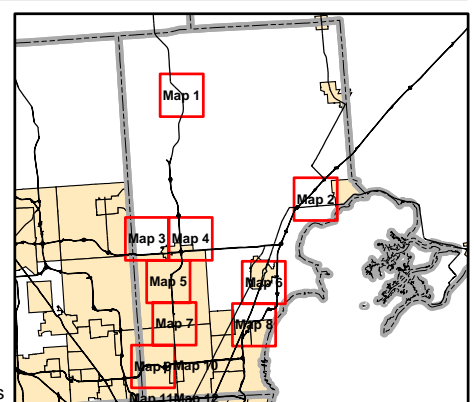
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Miles





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Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Waterbodies
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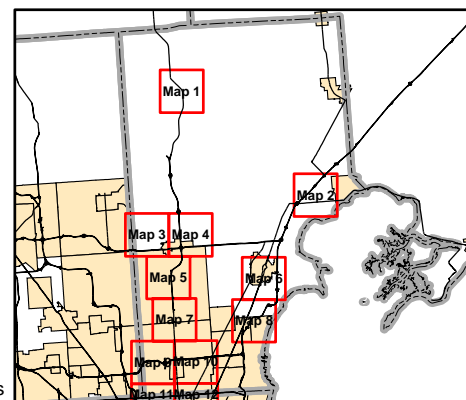
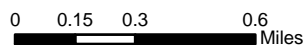


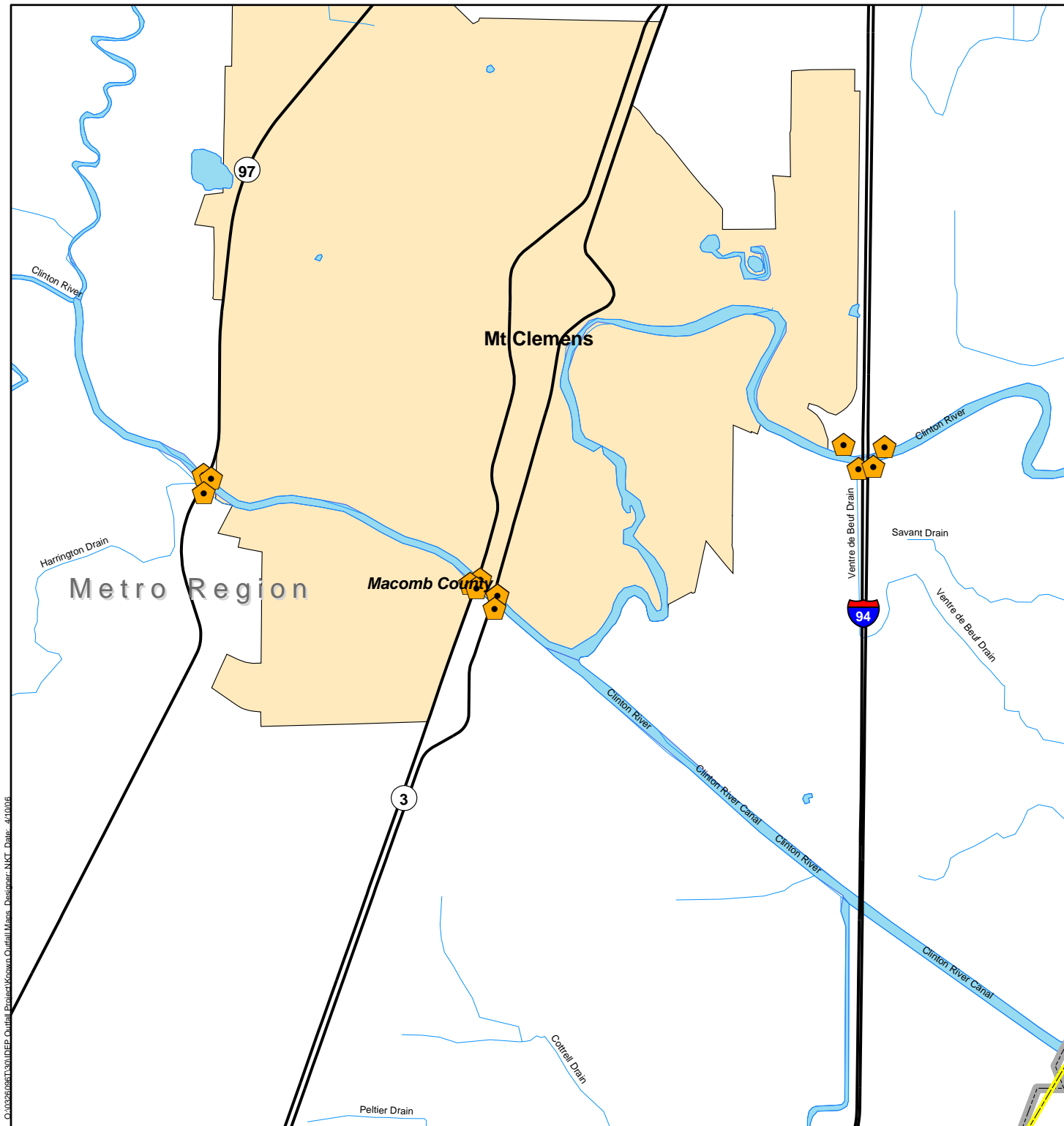
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MDOT Statewide Outfall Points Metro Region, Macomb County Map 5



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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

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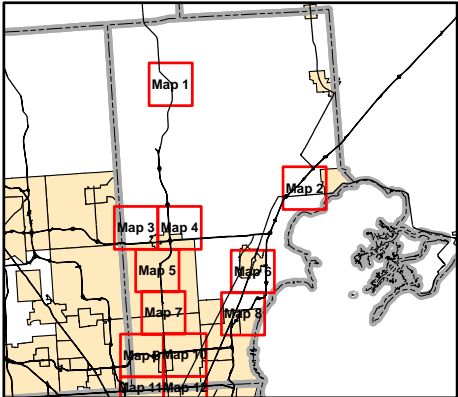
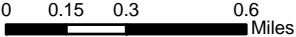
MDOT Statewide Outfall Points

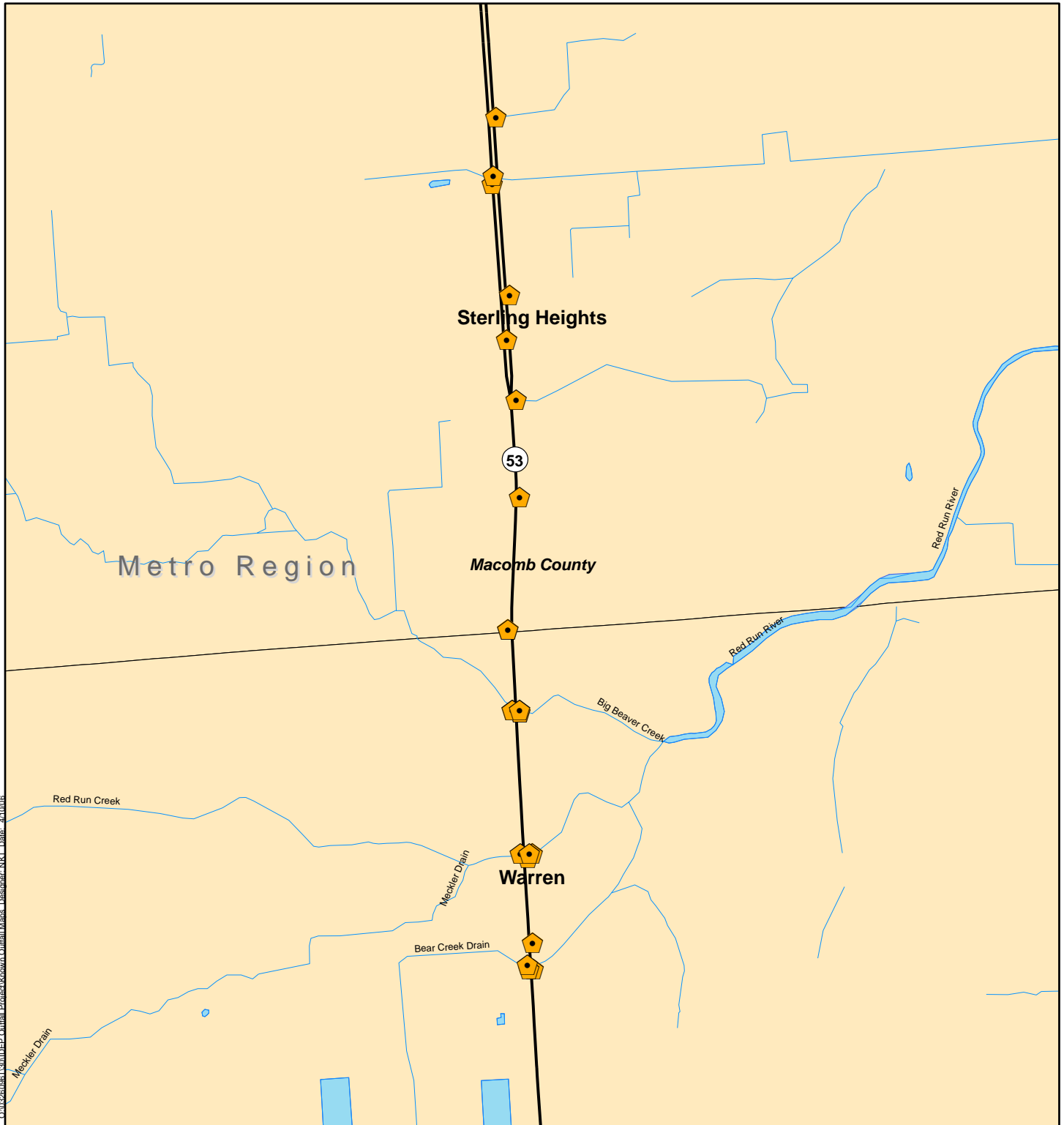
Metro Region, Macomb County

Map 6



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Legend

Estimated Outfalls (design-survey)

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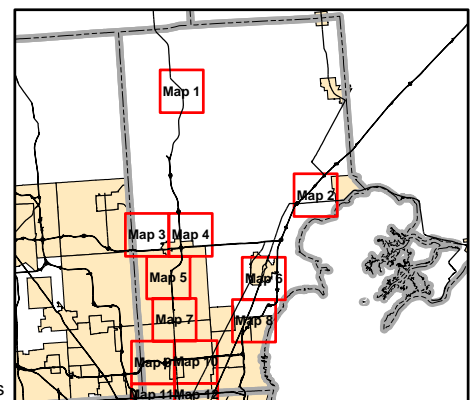
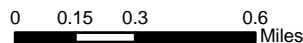
Map 7

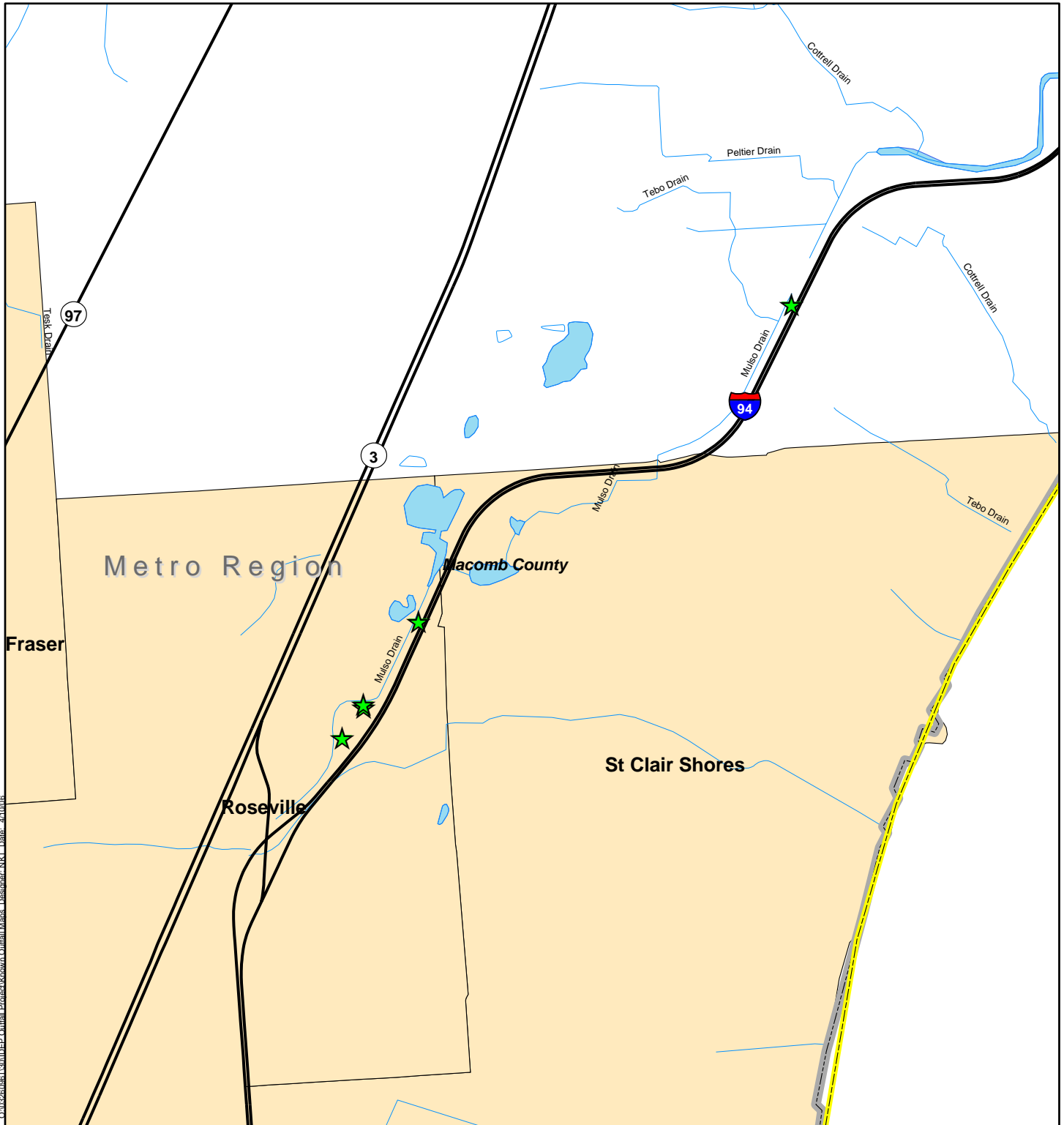


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Legend

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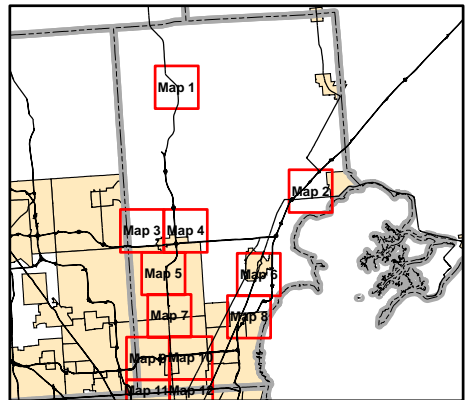
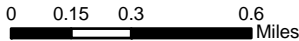
MDOT Statewide
Outfall Points

Metro Region, Macomb County

Map 8



Note:
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Legend

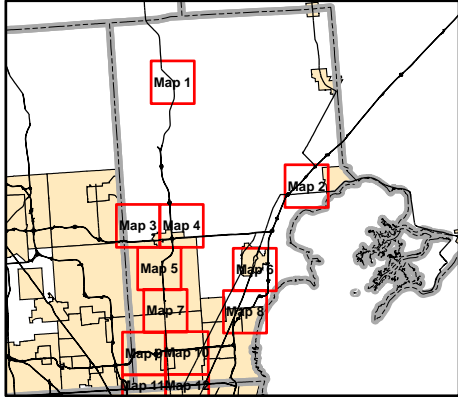
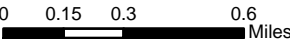
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- ⬠ Investigated Outfalls
- ~ Waterbodies
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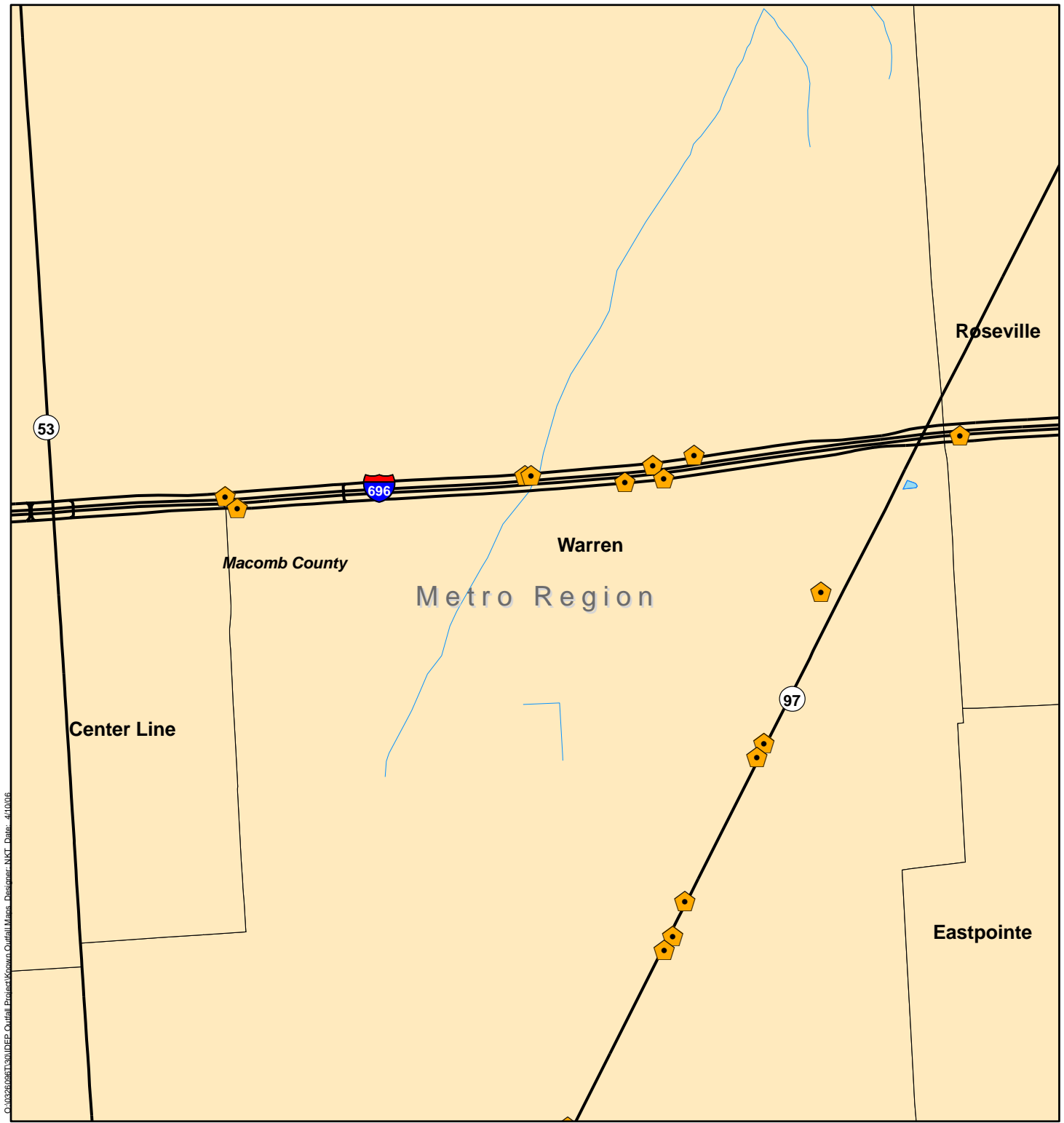


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MDOT Statewide Outfall Points

Metro Region, Macomb County
Map 9





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Legend

Estimated Outfalls (design-survey)
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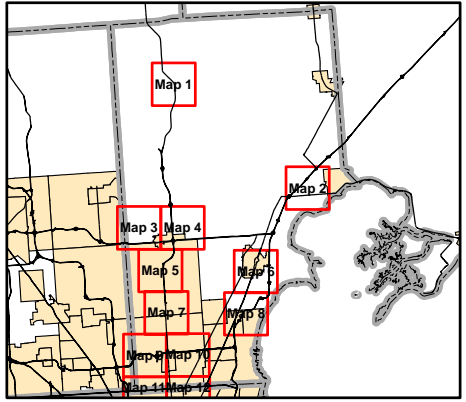
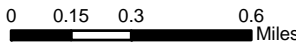


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MDOT Statewide Outfall Points

Metro Region, Macomb County

Map 10





O:\022408\T30\DEP Outfall Project\Known Outfall Maps Designer: NKT Date: 4/10/08

Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

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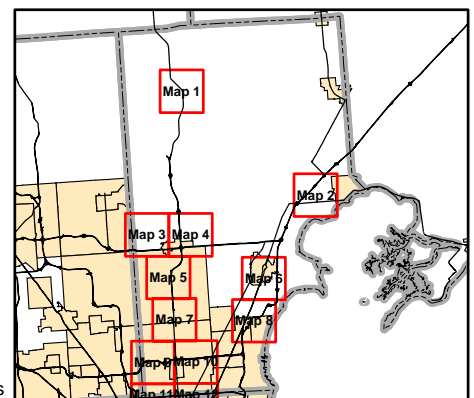
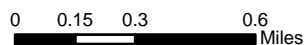
Map 11

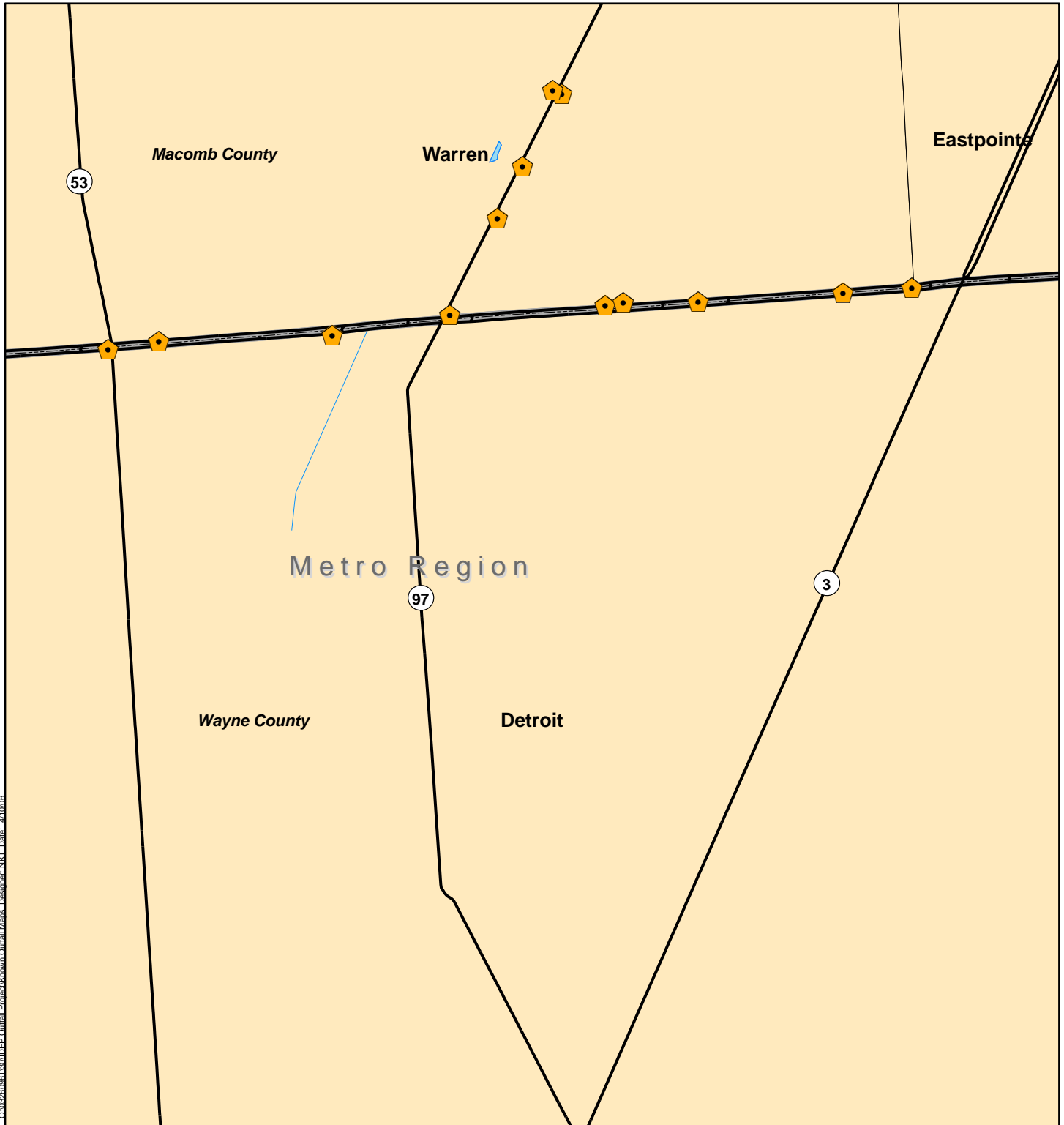


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Legend

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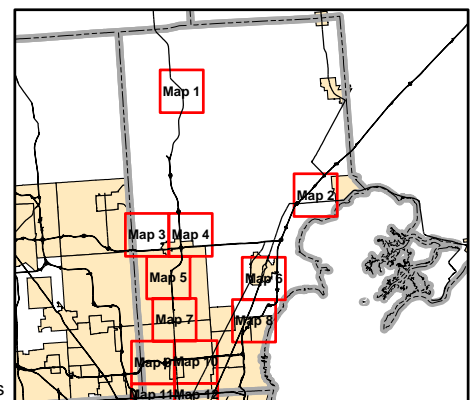
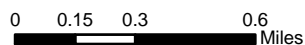
Map 12

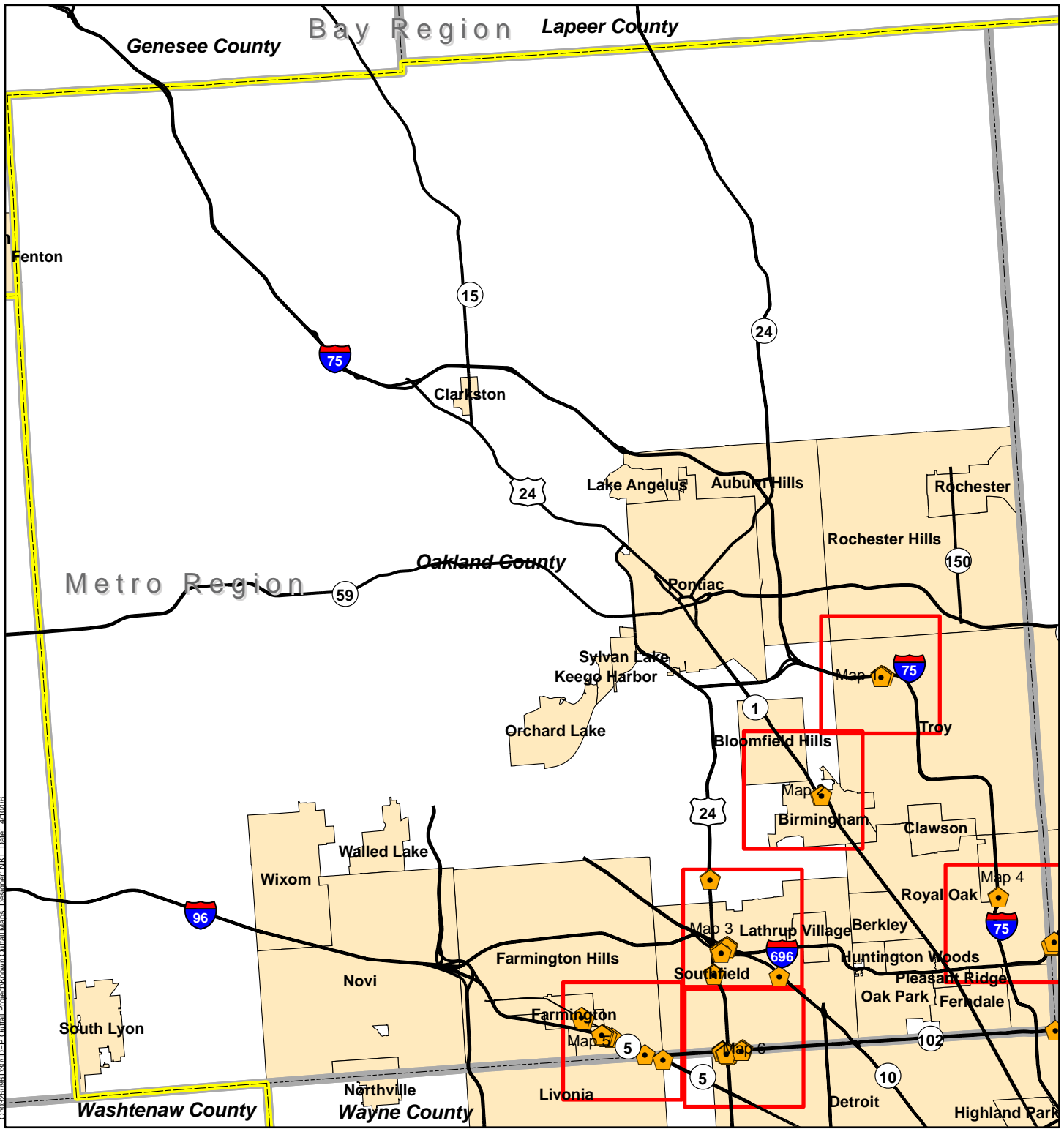


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MDOT Statewide Outfall Points

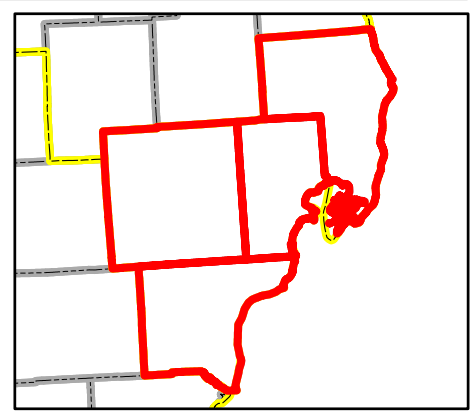
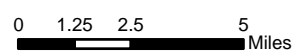
Metro Region, Oakland County Index

Legend

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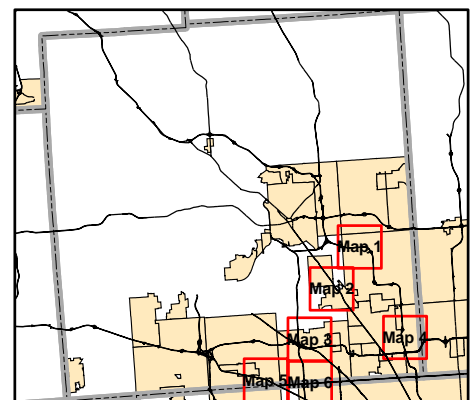
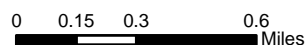
Metro Region, Oakland County

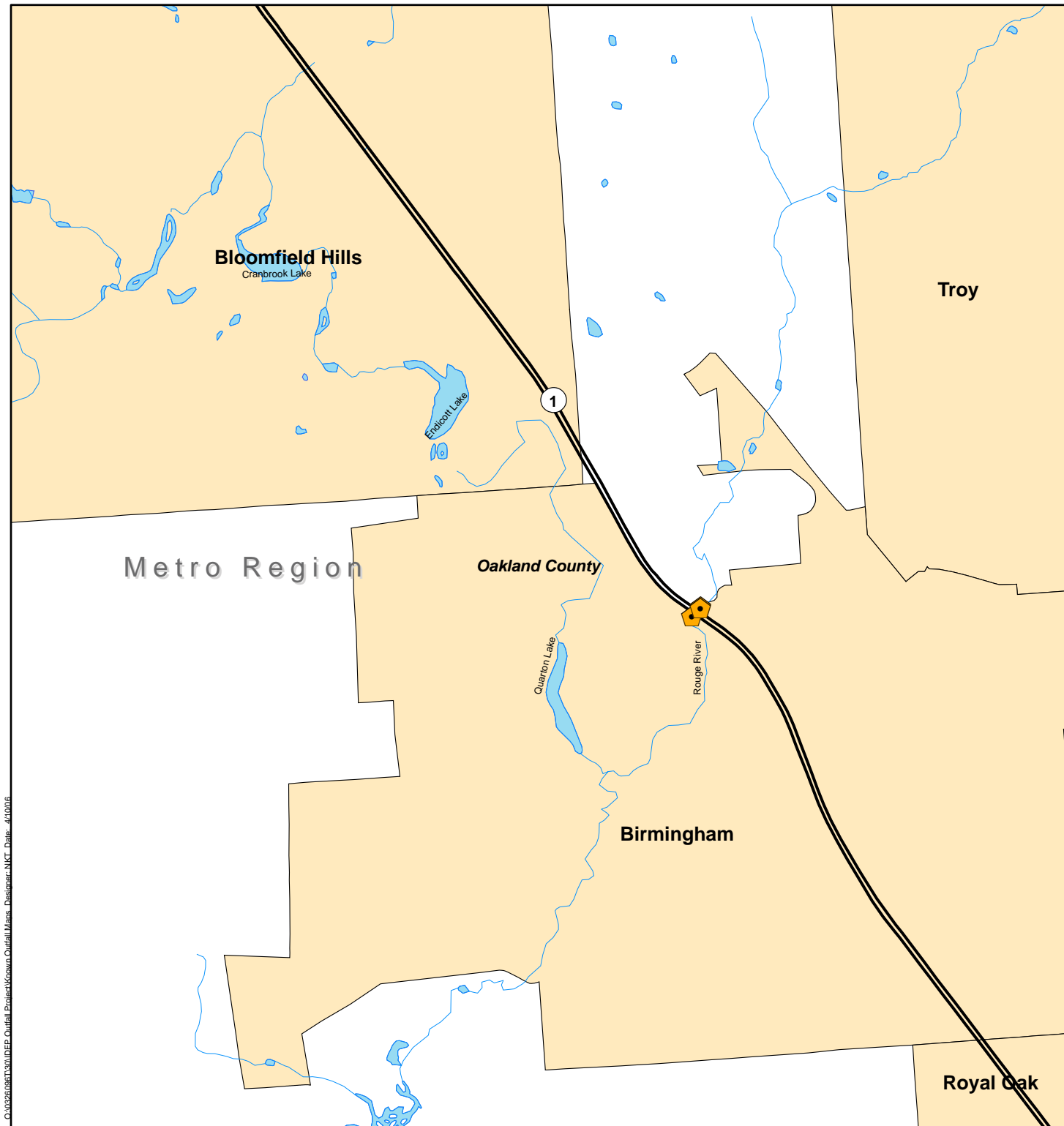
Map 1



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Note:
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Legend

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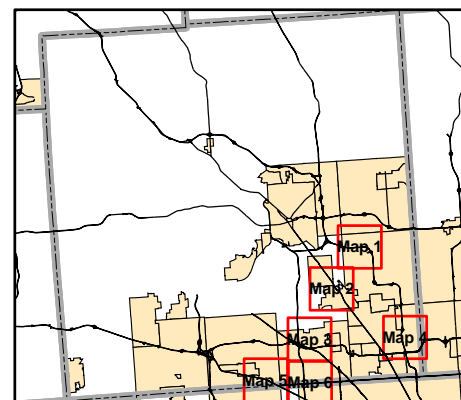
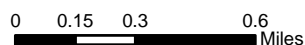
MDOT Statewide Outfall Points

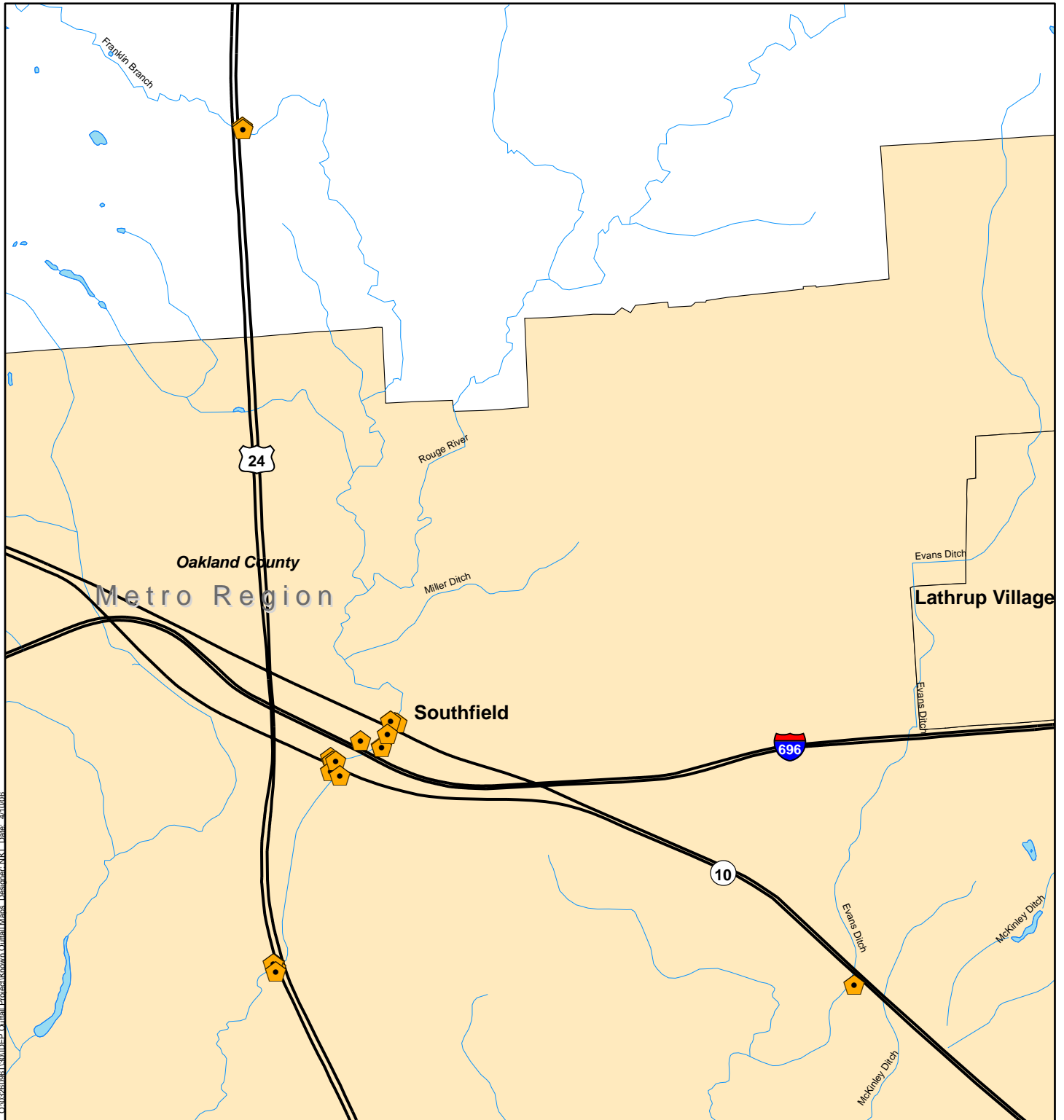
Metro Region, Oakland County
Map 2



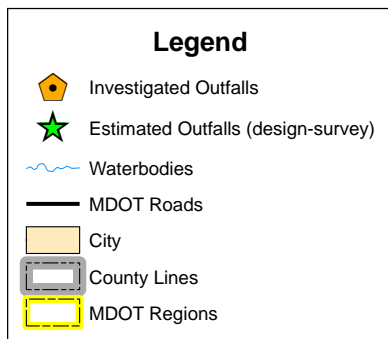
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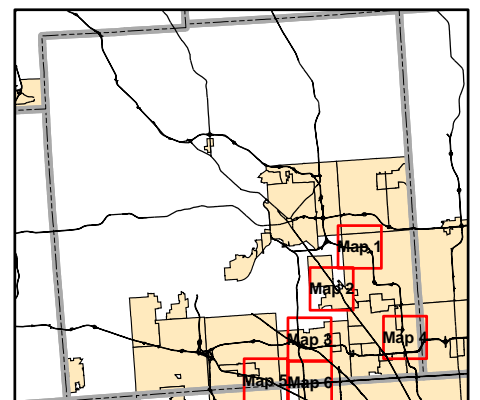
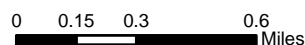
MDOT Statewide Outfall Points

Metro Region, Oakland County
Map 3



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Legend

-  Investigated Outfalls
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-  Waterbodies
-  MDOT Roads
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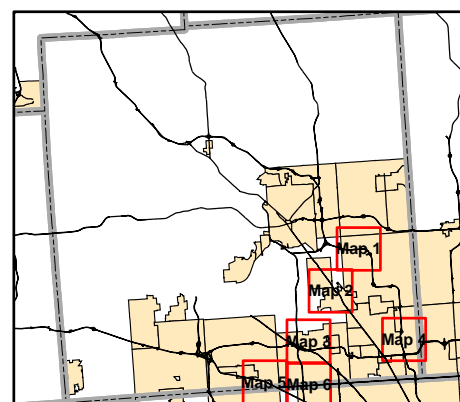
Map 4

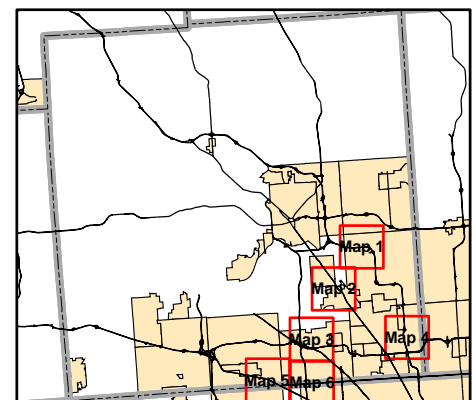
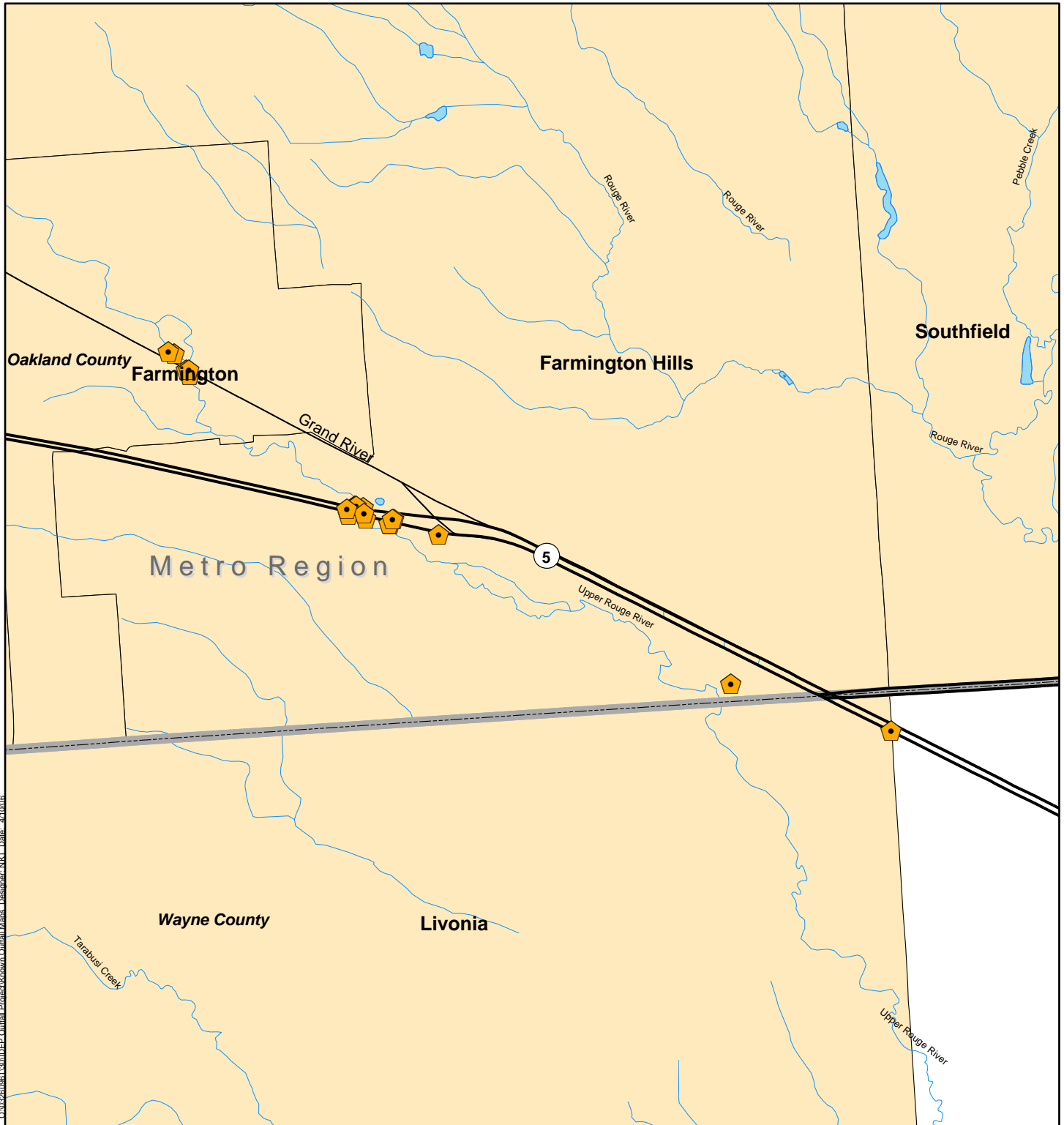


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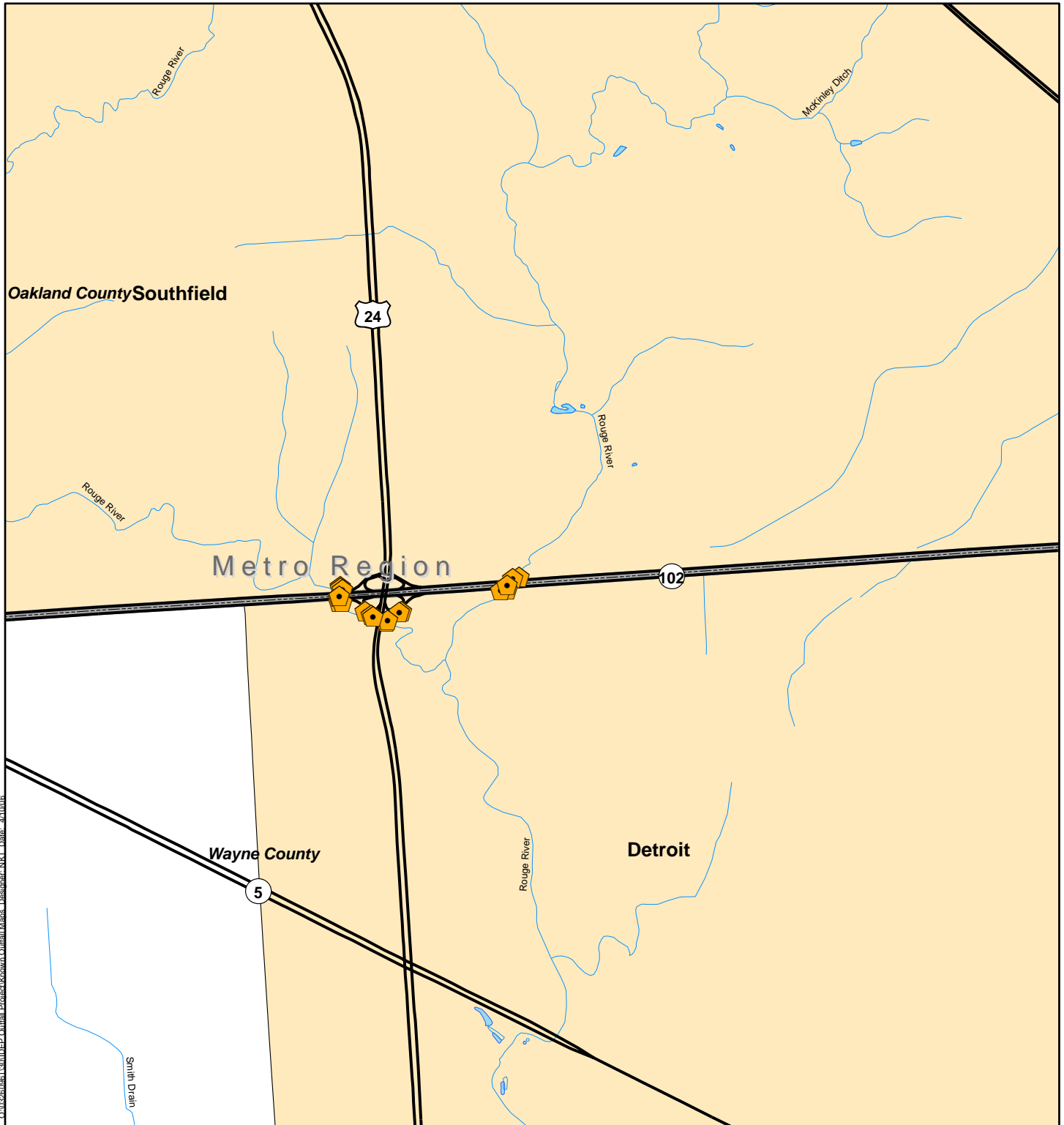
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0 0.15 0.3 0.6 Miles







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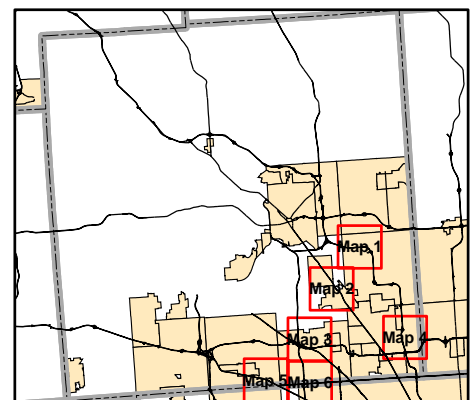
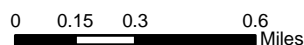
MDOT Statewide Outfall Points

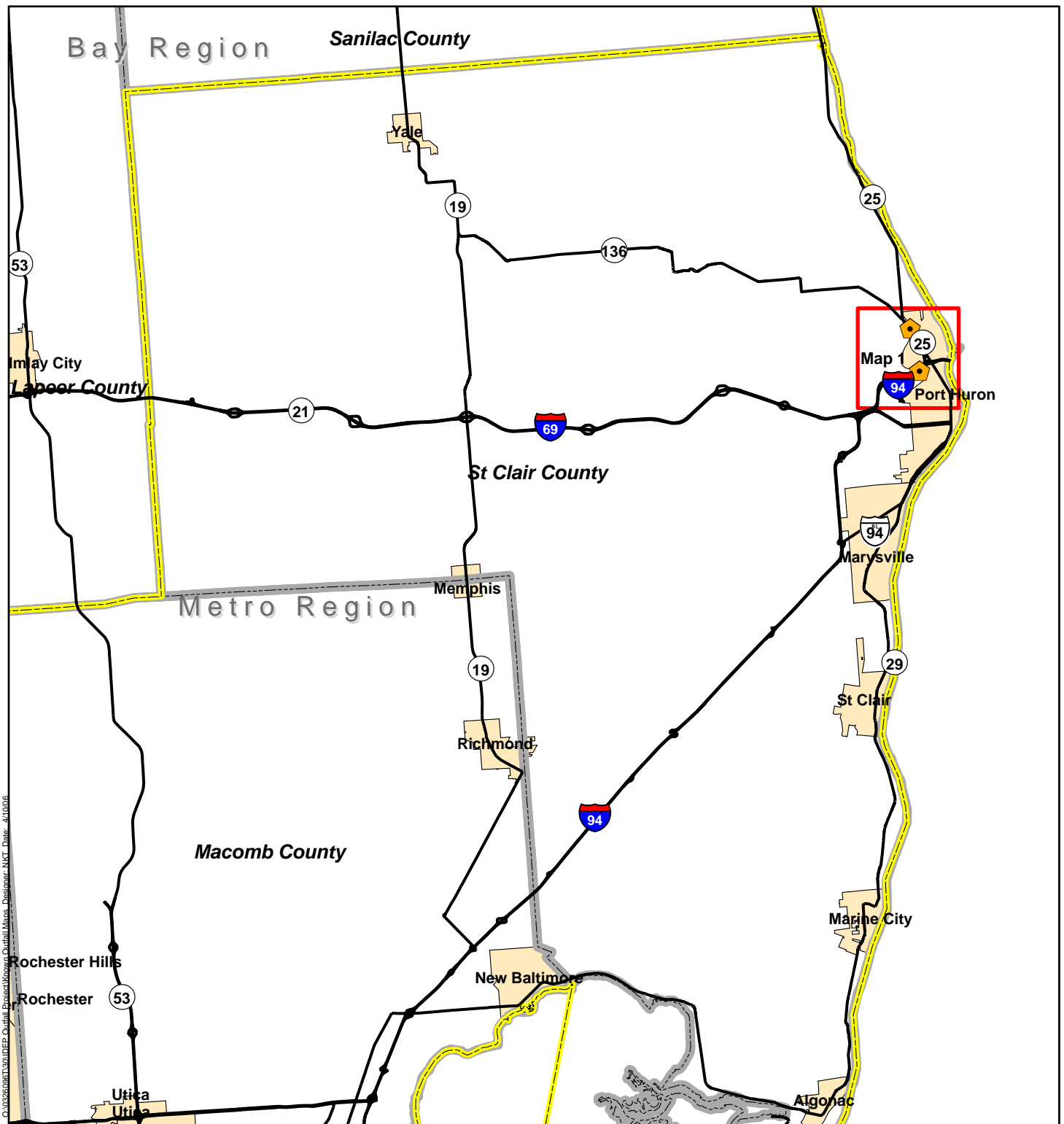
Metro Region, Oakland County
Map 6



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Note:
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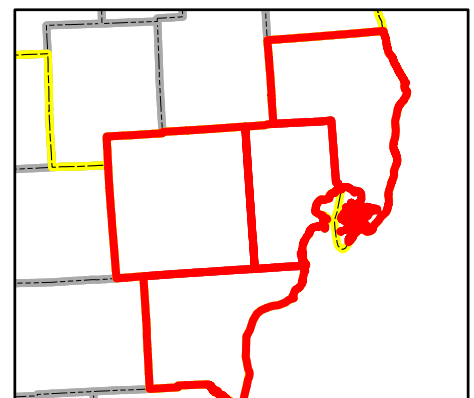


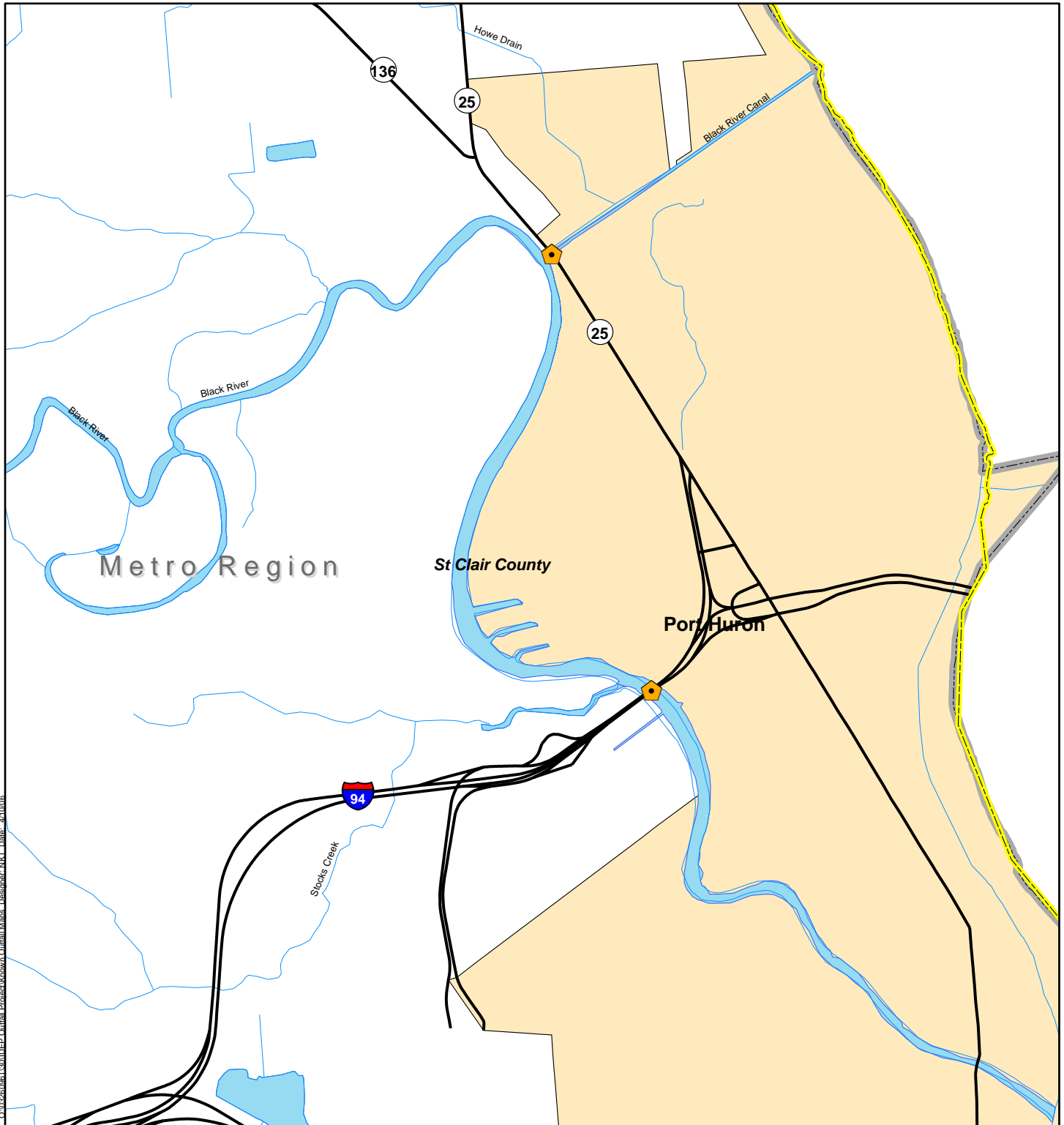
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0 1 2 4
Miles





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Legend

Estimated Outfalls (design-survey)

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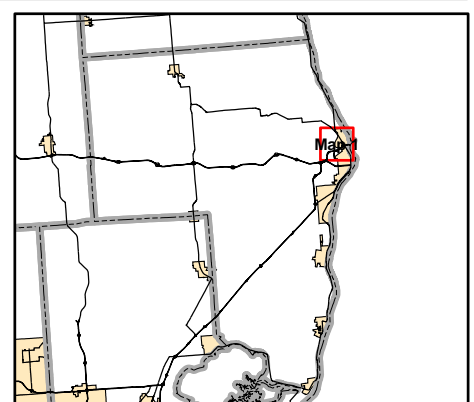
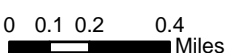
MDOT Statewide Outfall Points

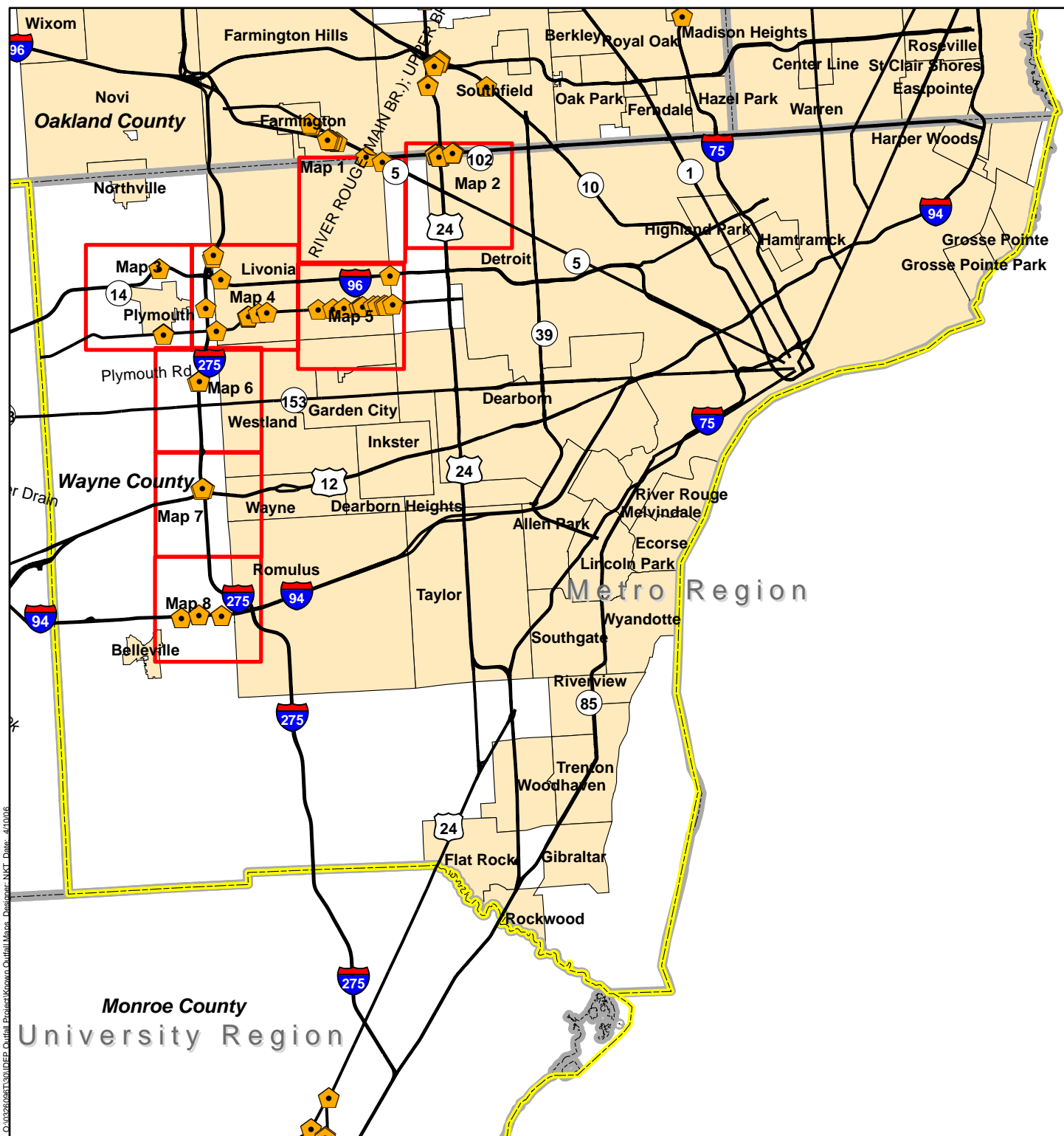
Metro Region, St. Clair County

Map 1



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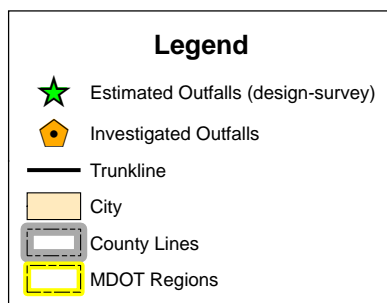
MDOT Statewide Outfall Points

Outfall Points

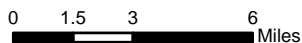
Metro Region, Wayne County

Index

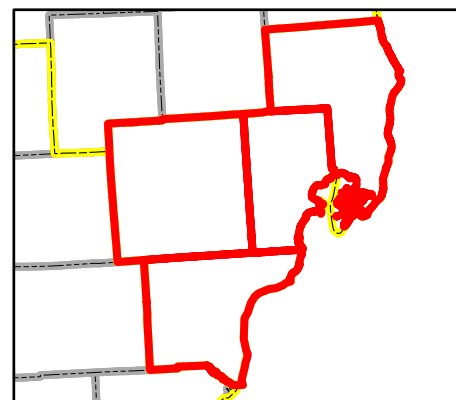
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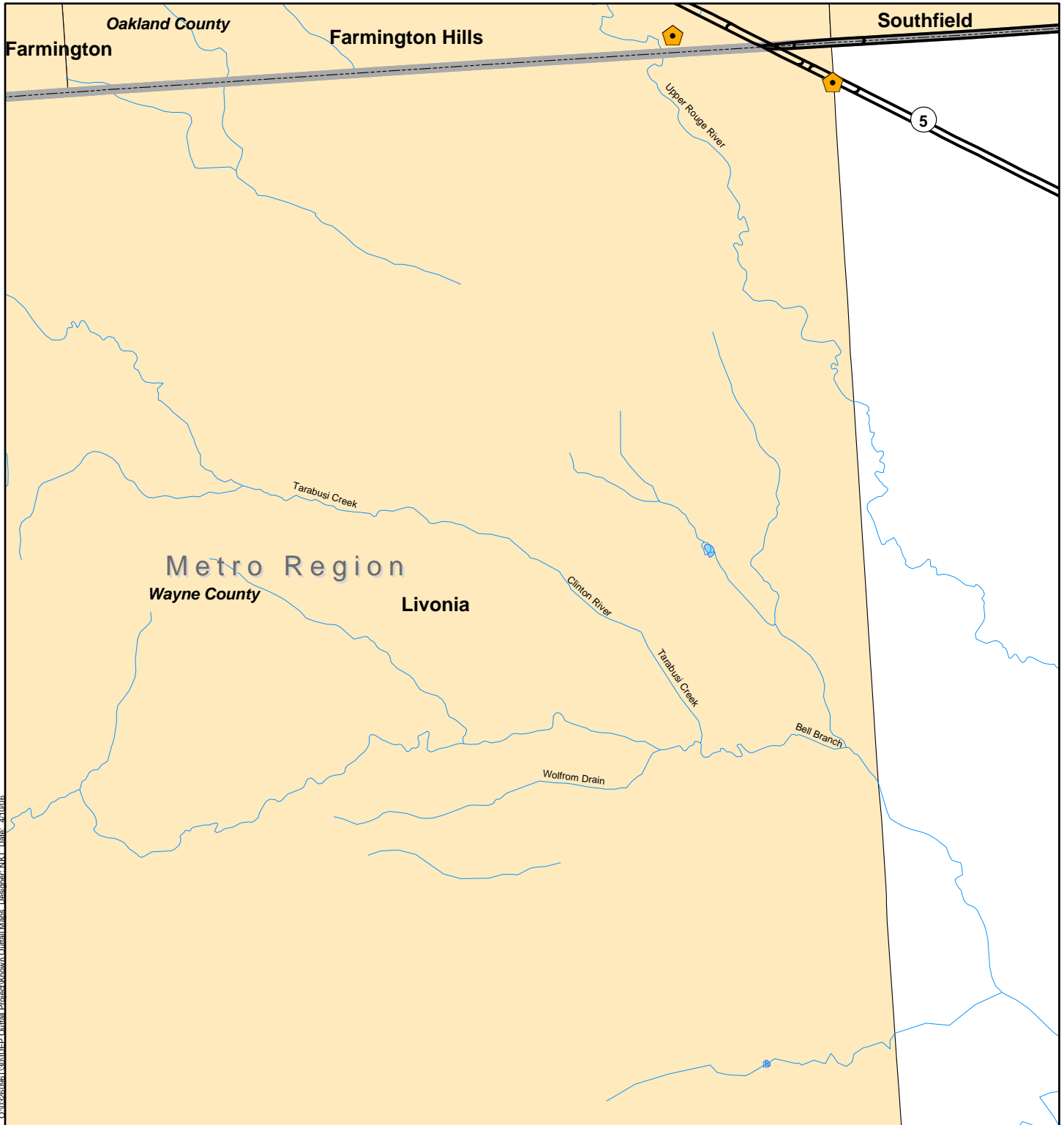


Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.



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Legend

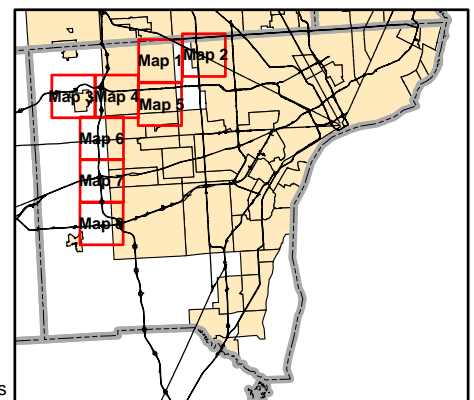
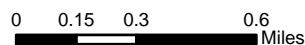
- Investigated Outfalls
- Waterbodies
- Estimated Outfalls (design-survey)
- Trunkline
- City
- County Lines
- MDOT Regions

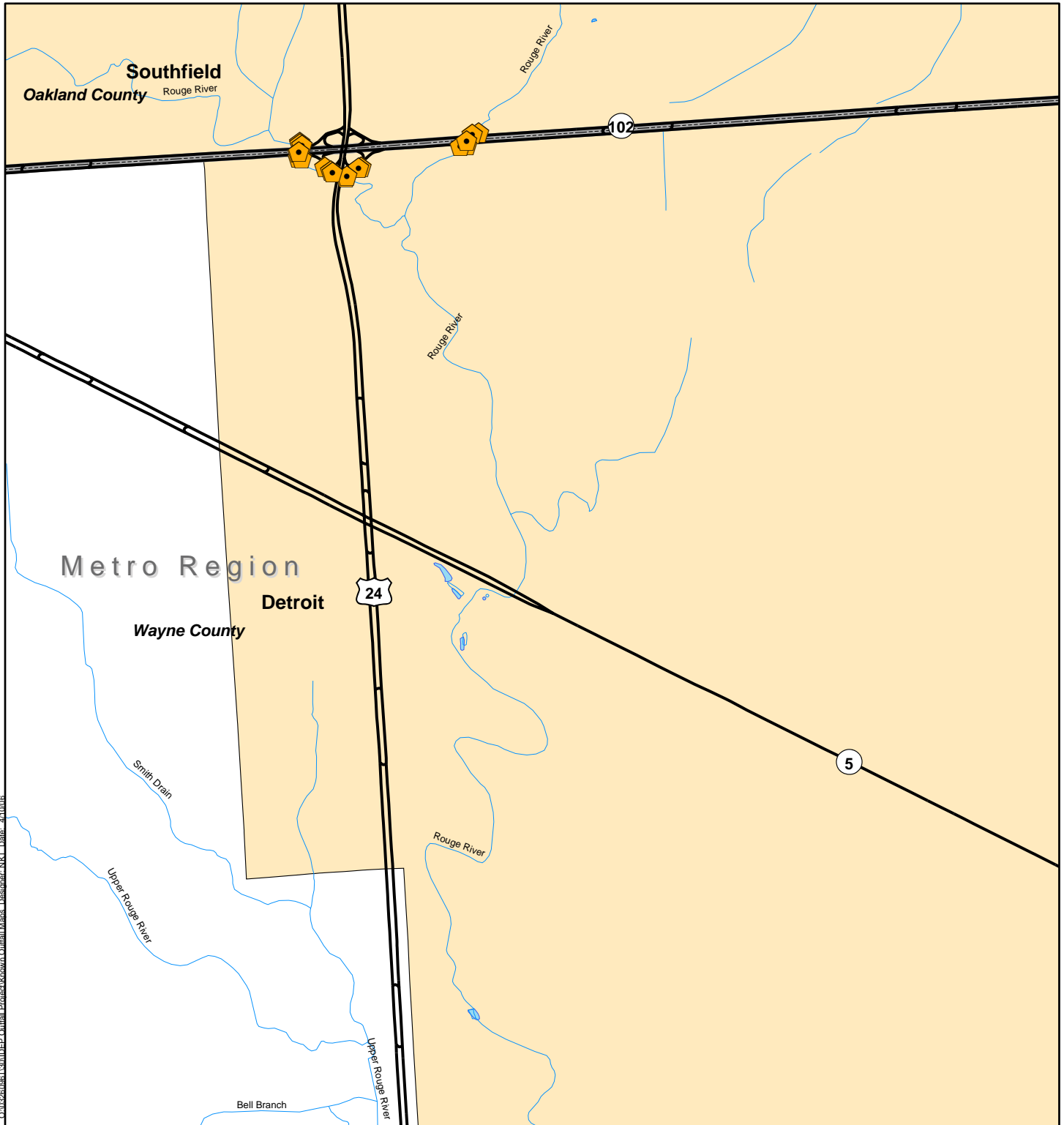


MDOT Statewide Outfall Points

Metro Region, Wayne County
Map 1

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.





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Legend

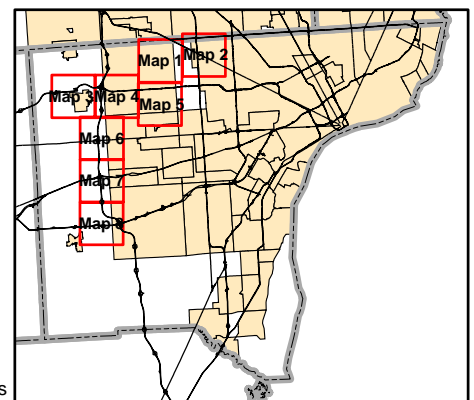
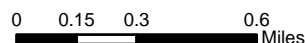
- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- ~~~~~ Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions

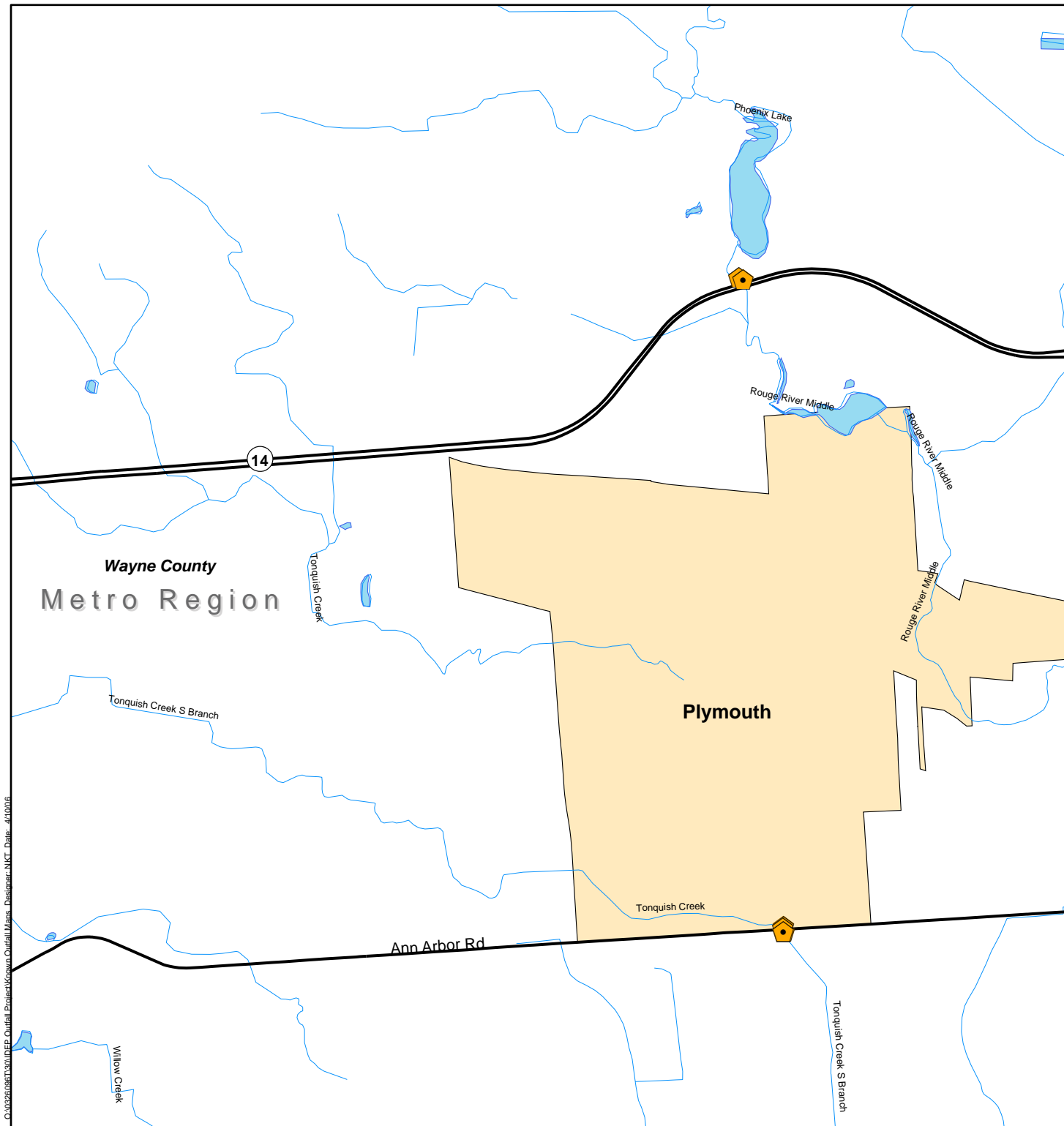


MDOT Statewide Outfall Points

Metro Region, Wayne County
Map 2

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.





C:\022408\1301\DEP Outfall Project\Known Outfall Maps Designer: NKT Date: 4/10/08

Legend

Estimated Outfalls (design-survey)
 Investigated Outfalls
 Waterbodies
 Trunkline
 City
 County Lines
 MDOT Regions

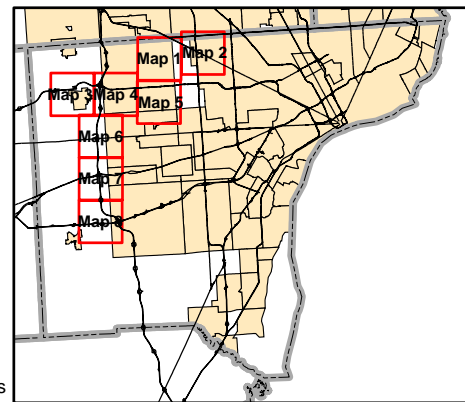
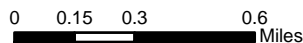


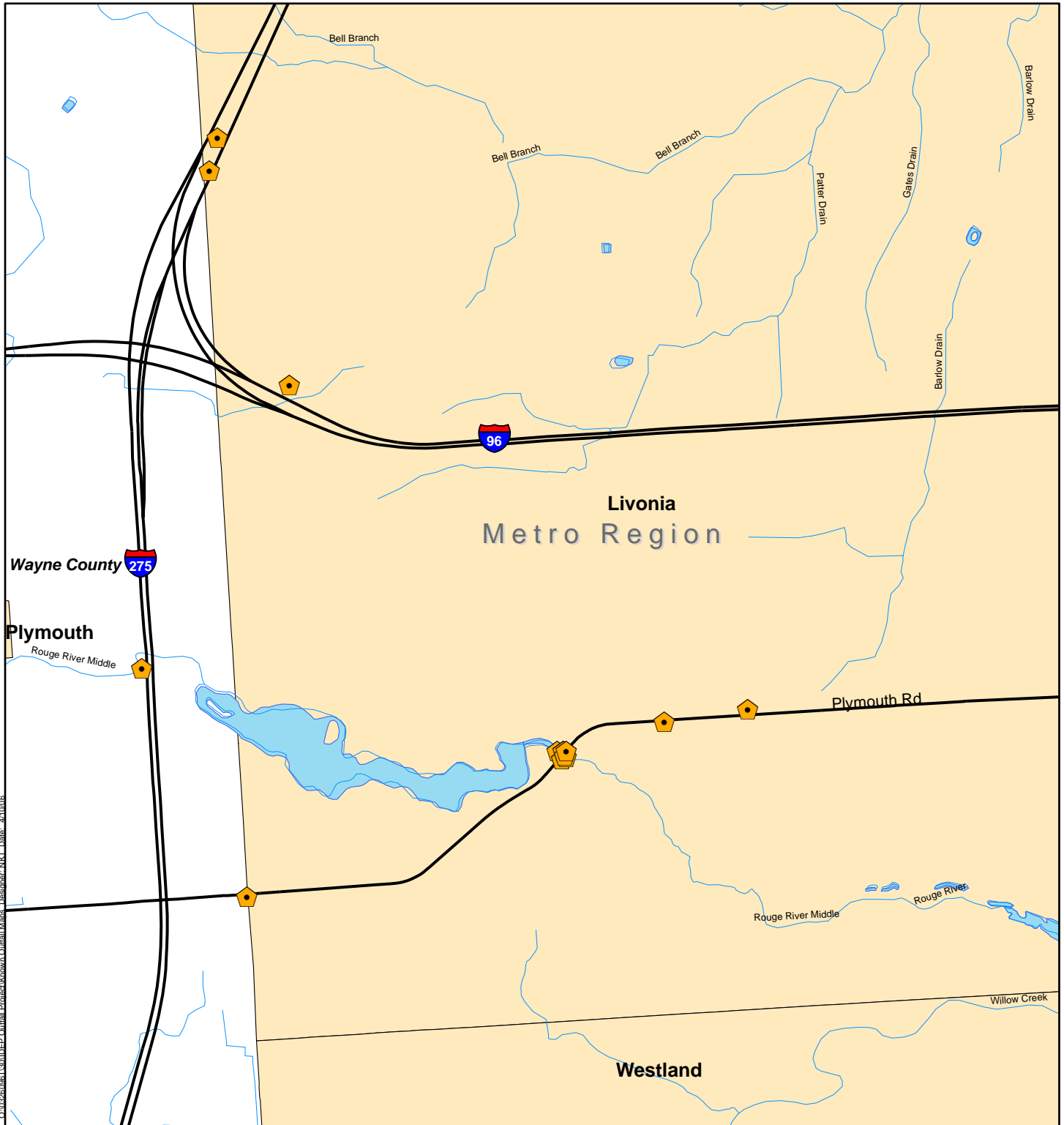
Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.

MDOT Statewide Outfall Points

Metro Region, Wayne County

Map 3





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Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

Trunkline

City

County Lines

MDOT Regions

MDOT Statewide Outfall Points

Metro Region, Wayne County

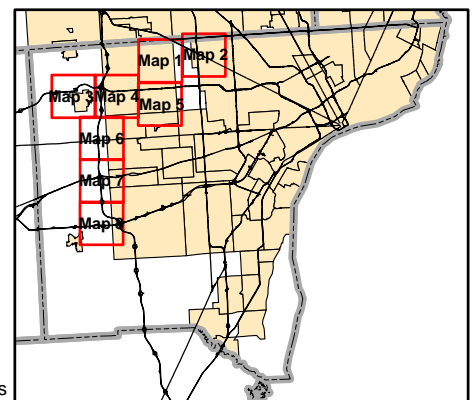
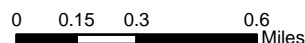
Map 4



Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.



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Legend

- ★ Estimated Outfalls (design-survey)
- ⬠ Investigated Outfalls
- ~~~~~ Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



MDOT Statewide Outfall Points

Metro Region, Wayne County

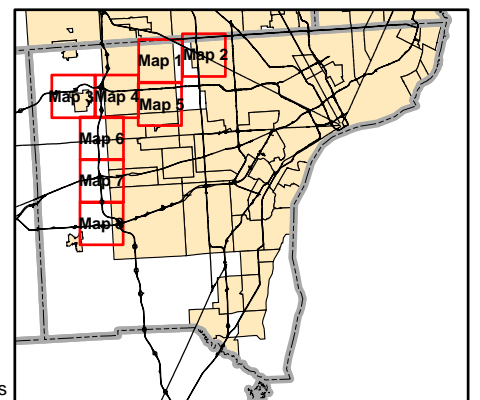
Map 5

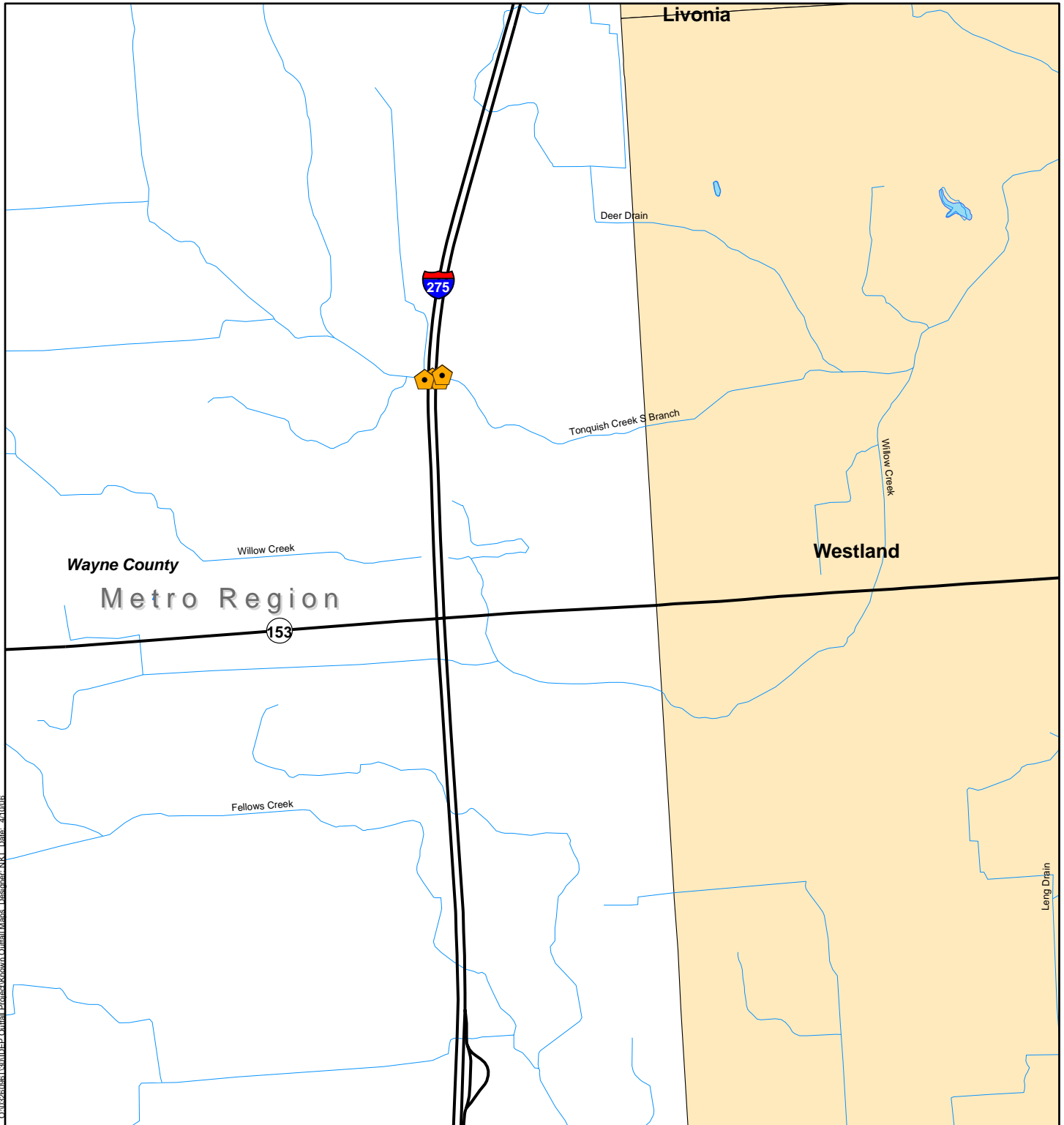
Note:
Estimated Outfalls are outfall locations estimated from design survey data.
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

0 0.15 0.3 0.6 Miles





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Legend

-  Estimated Outfalls (design-survey)
-  Investigated Outfalls
-  Waterbodies
-  Trunkline
-  City
-  County Lines
-  MDOT Regions



MDOT Statewide Outfall Points

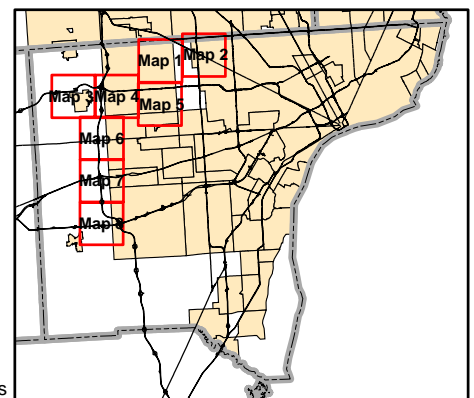
Metro Region, Wayne County
Map 6

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.



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0 0.15 0.3 0.6
Miles





C:\022408\T3\01DEP Outfall Project\Known Outfall Maps Designer: NKT Date: 4/10/08

Legend

Estimated Outfalls (design-survey)

Investigated Outfalls

Waterbodies

Trunkline

City

County Lines

MDOT Regions

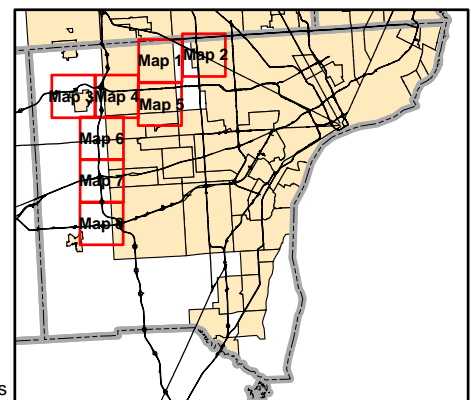
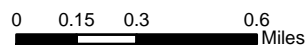


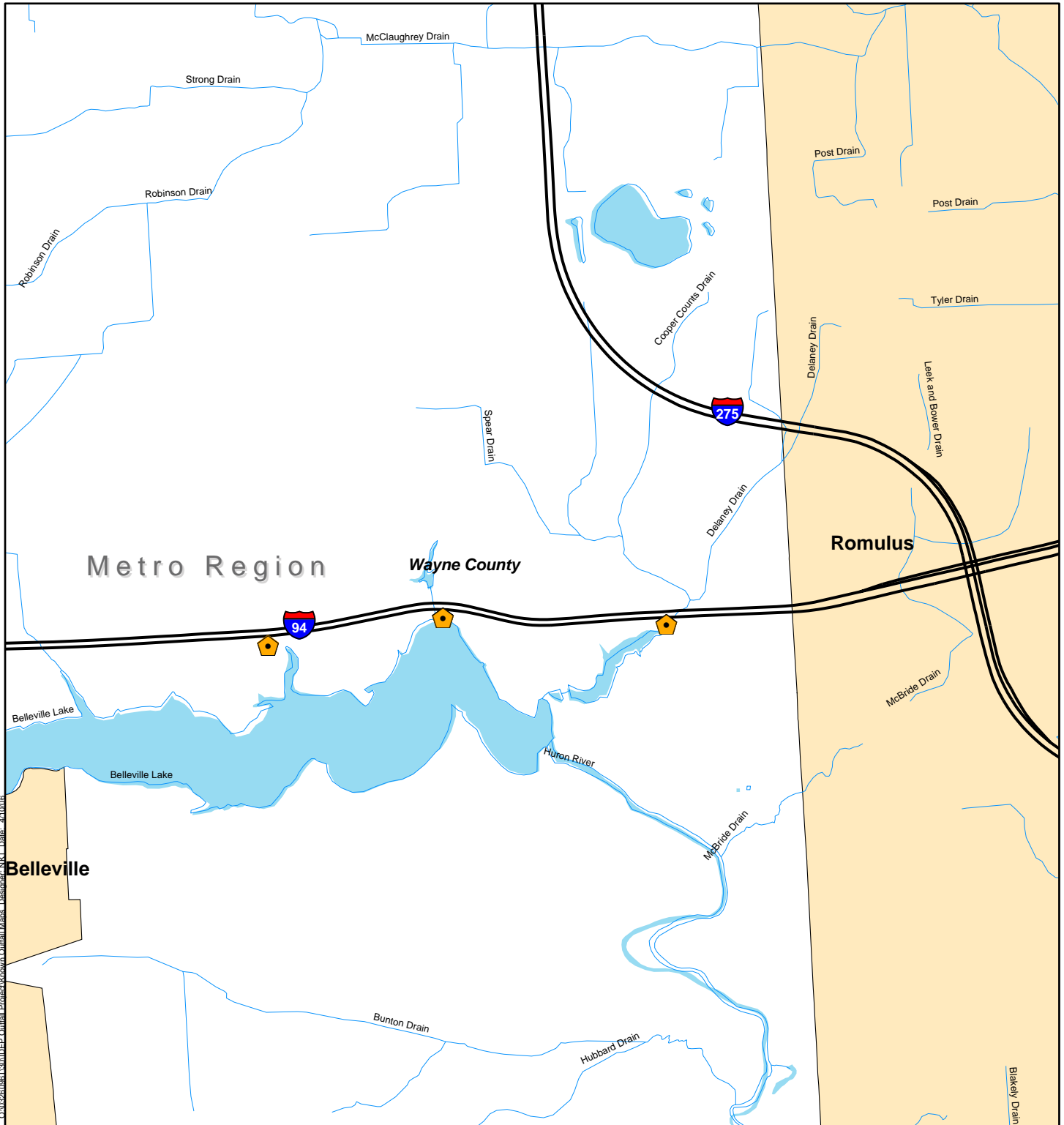
MDOT Statewide Outfall Points

Metro Region, Wayne County

Map 7

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
Investigated Outfalls are outfalls located by field investigation.





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Legend

- Estimated Outfalls (design-survey)
- Investigated Outfalls
- Waterbodies
- Trunkline
- City
- County Lines
- MDOT Regions



MDOT Statewide Outfall Points Metro Region, Wayne County Map 8

Note:
Estimated Outfalls are outfall locations estimated from design survey data.
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